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Airwell Catalogue Monde - Climatisation 2007 CRTI WLD EXP/AN-2007
Airwell Catalogue World - Air Conditioning 2007 CRTI WLD EXP/AN-2007

RESIDENTIAL / TERTIARY / INDUSTRIAL

CATALOGUE WORLD 2007

AIR CONDITIONING & HEATING

R-22 R-407C R-410A

Version française (voir au dos)

Airwell

THE POWER OF A GROUP, THE STRENGTH OF A NETWORK

Founded in 1947, Airwell is becoming a leader in air conditioning in France and in the rest of Europe. Since its creation, the Airwell network has continually expanded to be ranked as one of the major players in air conditioning across Europe, and worldwide.

Airwell has always been involved in designing, manufacturing and marketing air conditioning systems adapted the market's most demanding requirements. This entails total commitment, dedicated entirely to innovation, quality and service.

As part of its continuous product development programme, Airwell currently offers a broad range of products to meet the specific requirement of all market sectors.

5 PRODUCTION SITES WORLDWIDE, IN PERFECT SYNERGY

With highly efficient manufacturing resources benefiting from state-of-the-art manufacturing techniques, the group has 5 manufacturing plants worldwide with a total production capacity of 2,000,000 units. Our research & development and manufacturing systems are designed around each site's production specialisation.

Tillières (France)
Manufacture of industrial appliances for world markets. Aeraulics, thermodynamics and fluid mechanics R & D Centre.
Surface area: 110,000 m².
Annual production:
180,000 units.

Shenzhen (China)
Production of low capacity residential and semi-industrial appliances.
Surface area: 100,000 m².
Annual production:
1,000,000 units.

Dong-Guan (China)
Production and R & D Centre for electronic components at Group level.
Surface area: 15,000 m².
Annual production:
5 million items (PCB, RC, IAQ...).

Pons (France)
Manufacture of medium capacity chilled water production appliances, chilled water terminals, convector fan and air treatment units
Surface area: 55,000 m².
Annual production:
72,000 units.

Barlassina (Italy)
Manufacture of large capacity air conditioning and chilled water production appliances up to 1,000 kW as well as convector fans.
Surface area: 50,000 m².
Annual production: 30,000 units.

SUMMARY

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S _____ 10,1 to 13,0 kW 11,0 to 13,9 kW _____ p. 22
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COMFORT RANGE (...)

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CHILLED WATER & HEAT PUMP RANGE

Fan-convectors

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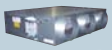
Ducted/Wall mounted

VHF OG _____ 3,3 to 11,9 kW  _____ p. 64

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Aqu@logic

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AIRWELL
IN ONE CLIC !

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Sélectionnez votre pays/select your country :
- - Choix - -
Le Spécialiste du
Chauffage et de la Climatisation
Airwell
Heating and
Air Conditioning Specialist
AN ACE GROUP COMPANY
Fondé en 1947, présent partout dans le monde au travers d'un réseau de points de vente, Airwell est engagé depuis toujours dans la conception, l'industrialisation et la commercialisation de systèmes de climatisation adaptés aux marchés les plus exigeants.
En constant développement, nous proposons aujourd'hui une large gamme de produits répondant aux besoins des secteurs résidentiel, tertiaire et industriel.
AIRWELL was originally founded in 1947 and now the Group has a worldwide presence. Via its network of sales outlets, AIRWELL is dedicated to the design, manufacture and marketing of air conditioning systems adapted to the most demanding markets.
Thanks to our continuous development programmes, we offer a broad range of products, for meeting today's needs in the residential, tertiary and industrial sectors.

Discover very soon
our new web site for Export !

HEAT PUMP
COOLING ONLY
R-407C
R407C Fluid
R-410A
R410A Fluid
R-22
R22 Fluid

All AIRWELL products bear the CE mark

GENERAL NOTES: All values are specified for a 230 V supply voltage.
Nominal cooling capacity: International conditions: 27°C/19°C (wet bulb) - outside air temperature 35°C/24°C (wet bulb) (Standards NF EN 255.2 - NF EN 814.2).
Nominal heating capacity: International conditions: 20°C/12°C (wet bulb) - outside air temperature 7°C/6°C (wet bulb) (Standards NF EN 255.2 - NF EN 814.2).
Acoustic levels: Global acoustic pressure in dB(A) (1m comfort range, 4 m industrial and chilled water) under nominal conditions: outdoor unit in an open area against a reflective background - indoor unit: installation in an average sized room (PV - 0.5 s reverberation) or acoustic capacity depending on models.

CHILLED WATER
1) Water chillers
Nominal cooling capacity: watez inlet / outlet: 12°C / 7°C - outside air temperature: 35°C.
2) Terminal units
Nominal conditions: air 27°C / 19°C wet bulb (nominal air flow) - Chilled water: 7°C / 12°C

The fuse values and the between-unit (Split-System) link cable specifications are stated for basic units without accessories.

AIRWELL TECHNOLOGY

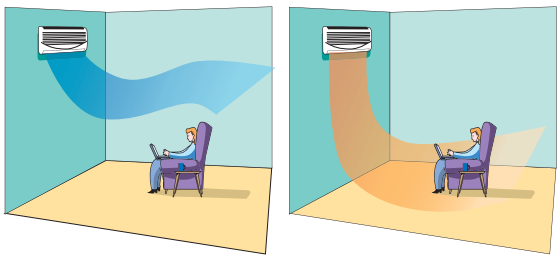
Indoor unit

"I FEEL" FUNCTION

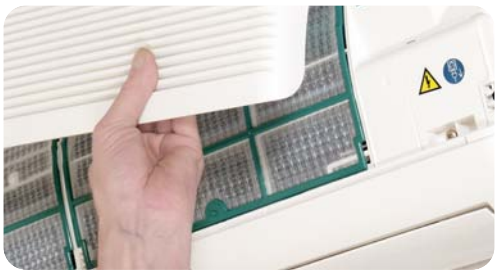
transfers the point of temperature measurement to the place where the remote control is located and this offers better control of the desired temperature.

AIR FLAPS

automatically adopt the best blowing angle in relation to the mode selected.



Easily removable panel, washable with water.



TERMINAL BLOCK

Being particularly accessible, the terminal block makes connecting the mains power cable and interconnecting the indoor and outdoor units very easy.

Tangential turbine

TURBINE

The aerodynamically designed tangential turbine with its increased diameter compared to the standard model, improves heat exchange and reduces noise levels.

Outdoor unit

ENTIRE GC

structure made of thermo-stable polyester material: noise levels and weight reductions, and increased service life. Anti-corrosion treatment with High Density powder paint coating ensuring high resistance to all operating conditions.

CONDENSER

The hydrophilic "bluefin" treatment encourages condensates drainage and protects against corrosion whilst guaranteeing performance and extending service life.

OPEN GC

DC INVERTER high efficiency rotary compressor. Increased acoustic insulation.

MOTOR-FAN

DC Inverter variable capacity.
High efficiency.
Silent operation
Increased service life.

VALVES COVER

Improvement in condensing group's aesthetics and protection for the connecting valves.

SCREW

Reduced noise level, 3 aerodynamic blades, silent operation, improved heat exchange, better balance.

MULTI-FUNCTIONS REMOTE CONTROLS at the forefront of ergonomic design

> RCW2 model

BASIC FUNCTIONS

- Compatible with products from the Comfort and Industrial ranges.
- Heating / Cooling electronic regulation.
- Automatic ventilation or 3 fixed speeds ventilation.
- Night time slow running.
- Dehumidification.

PROGRAMMING

- Managing up to 15 zones (32 units) with individual unit time programming and temperature setting.
- 7 day programmable timer with 2 daily setting ranges.

2 TIMERS CENTRALISED CONTROL

- Easy functions duplication for quick programming.
- "Master/Slave" function.
- Time delayed start up of air treatment units (quick installation).
- Permanent "I feel" function (single installation).

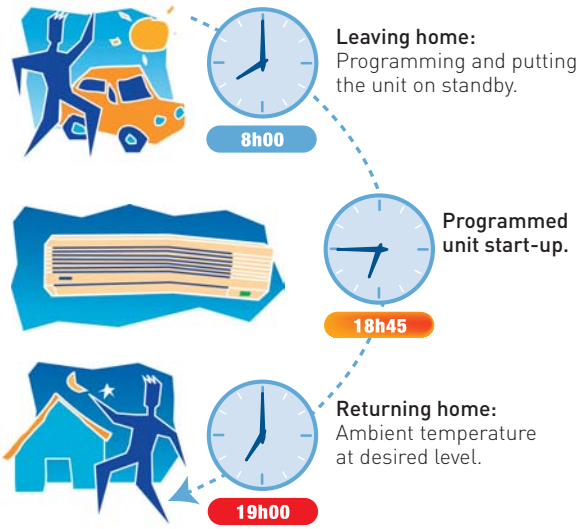
> RC4 model

> RC5 model

With their compact and ergonomically design, Airwell infrared controls offer excellent user comfort. Combining modern design with high technology, the remote controls, with a range of up to 8 m, offer a host of functions and great simplicity of use to make our users' day-to-day life so much easier.
With these remote controls, users can select the operating mode (Heating-Cooling-Dehumidification), choose the set temperature point, ventilation speeds or air sweeping and also programme a host of advanced functions such as:

PROGRAMMING

The microprocessor automatically manages air conditioning for maximum user comfort. The Timer enables the unit to be programmed to switch itself on and off as and when required, thereby contributing to optimal energy consumption.



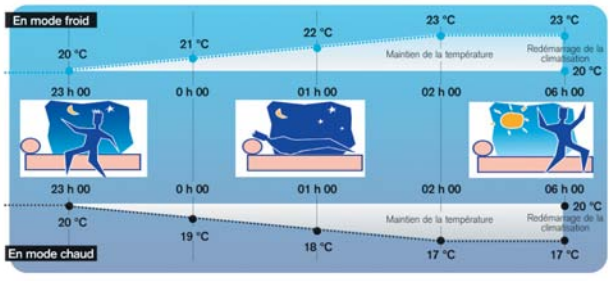
Leaving home:
Programming and putting the unit on standby.

Programmed unit start-up.

Returning home:
Ambient temperature at desired level.

NIGHT RUNNING

This function adapts the temperature for ideal night time rest conditions for the user and contributes to energy savings.
Both in Heating and in Cooling mode it is possible to programme 3 set temperatures automatically. Energy consumption reductions amount to 7 % per degree, representing considerable savings.



"I FEEL" FUNCTION

This innovation from the Airwell R&D department enables the temperature measurement point to be transferred for improved temperature control.

AIRWELL, TECHNOLOGY IN HARMONY WITH THE ENVIRONMENT

ECOLOGICALLY FRIENDLY REFRIGERANT FLUIDS

Airwell's primary objective is to design and offer air conditioning systems that meet both the highest standards of environmental protection and users' legitimate expectations in terms of comfort and wellbeing.

For Airwell, innovation has to be linked tightly to a respect for the environment and must include stringent requirements in terms of quality levels. This ongoing concern governs all our actions and involves all our human and technology resources.
In accordance with this principle and with European Directives, in its appliances, Airwell uses ecological refrigerant fluids of the HFC type (R410A & R407C) that do not harm the planet's ozone layer. (see R410A & R407C catalogue 2006)
Moreover, with a constant care for participating in preserving the environment, Airwell designs and markets high efficiency products that reduce CO_2 emissions into the atmosphere and minimise our contribution to global warming.

ENERGY LABEL

Indication of annual energy consumption

Based on a standard model, this annual consumption is calculated by multiplying the total capacity by an average running time of 500 hours per annum in Cooling mode and under full load.

COOLING CAPACITY

The refrigerating capacity is defined as the cooling capacity in kW of an appliance, running in Cooling mode under full load.

EER OR ENERGY EFFICIENCY RATIO

This is the ratio between the refrigerating capacity and the amount of electricity consumed to attain it. In other words, the higher the EER, the better the energy efficiency.

ENERGY EFFICIENCY CATEGORIES*
IN COOLING MODE

A		**EER**	**>**	**3.2**
B	**3.2**	**>**	**EER**	**> 3.0**
C	**3.0**	**>**	**EER**	**> 2.8**
D	**2.8**	**>**	**EER**	**> 2.6**
E	**2.6**	**>**	**EER**	**> 2.4**
F	**2.4**	**>**	**EER**	**> 2.2**
G	**2.2**	**>**	**EER**	

* Only for splits and multisplits.

HEATING CAPACITY

Heating capacity is defined as the Heating capacity in kW of an appliance running in Heating mode and under full load.

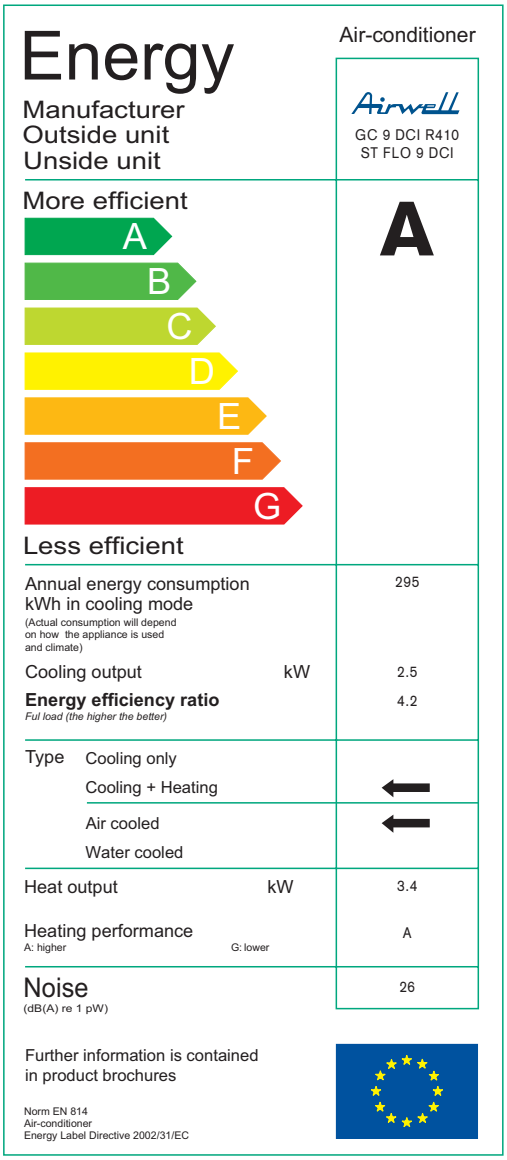
COP OR COEFFICIENT OF PERFORMANCE

This is the ratio between the Heating capacity and the quantity of electricity consumed to attain it. In other words, the higher the COP, the better the energy efficiency.

ENERGY EFFICIENCY CATEGORIES*
IN HEATING MODE

A		**COP**	**>**	**3.6**
B	**3.6**	**>**	**COP**	**> 3.4**
C	**3.4**	**>**	**COP**	**> 3.2**
D	**3.2**	**>**	**COP**	**> 2.8**
E	**2.8**	**>**	**COP**	**> 2.6**
F	**2.6**	**>**	**COP**	**> 2.4**
G	**2.4**	**>**	**COP**	

* Only for splits and multisplits.



The labelling classifies air conditioning systems in 7 categories (from A to G) in relation to their energy consumption. Those appliances with the best energy efficiency are awarded an A label (Green colour arrow on the label) those with the lowest energy efficiency a G label (Red colour arrow).
This label also includes a certain number of details (Brand, Model, Cooling and heating capacity, Noise level) and allows the user to compare the efficiency of different products.

WEEE (WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT)

On 13th August 2005, the new European Directive on Waste Electrical and Electronic Equipment (WEEE) came into force.
The Directive's aim is to regulate the disposal of electronic waste by separating its treatment from that of household waste.
Selective collection systems are being put in place to recover all WEEE with the view to recycling.
This Directive requires air conditioning appliance manufacturers and distributors to:

- Mark certain models marketed after 13th August 2005.
- Meet financial obligations associated with end-of-life appliance recycling.

As users of our products, and on those products covered by the Directive, you will observe a pictogram (see illustration below) on the Maker's plate representing a "crossed-out refuse bin". This pictogram is intended to inform the user that the appliance in question must be disposed of separately from household waste.
As part of its sustainable development policy, along with the entire profession, Airwell is committed to abiding by this new European initiative. Our environment is precious, let's preserve it.

AIRCONET

Remote management of your air conditioning network

Airconet is a complete, powerful and user-friendly system providing remote management of air conditioning installations in an overall and customised manner:
- **Centralised control of a group of indoor units (building, floor...).**
- **Individual control in each pre-defined room and zone.**

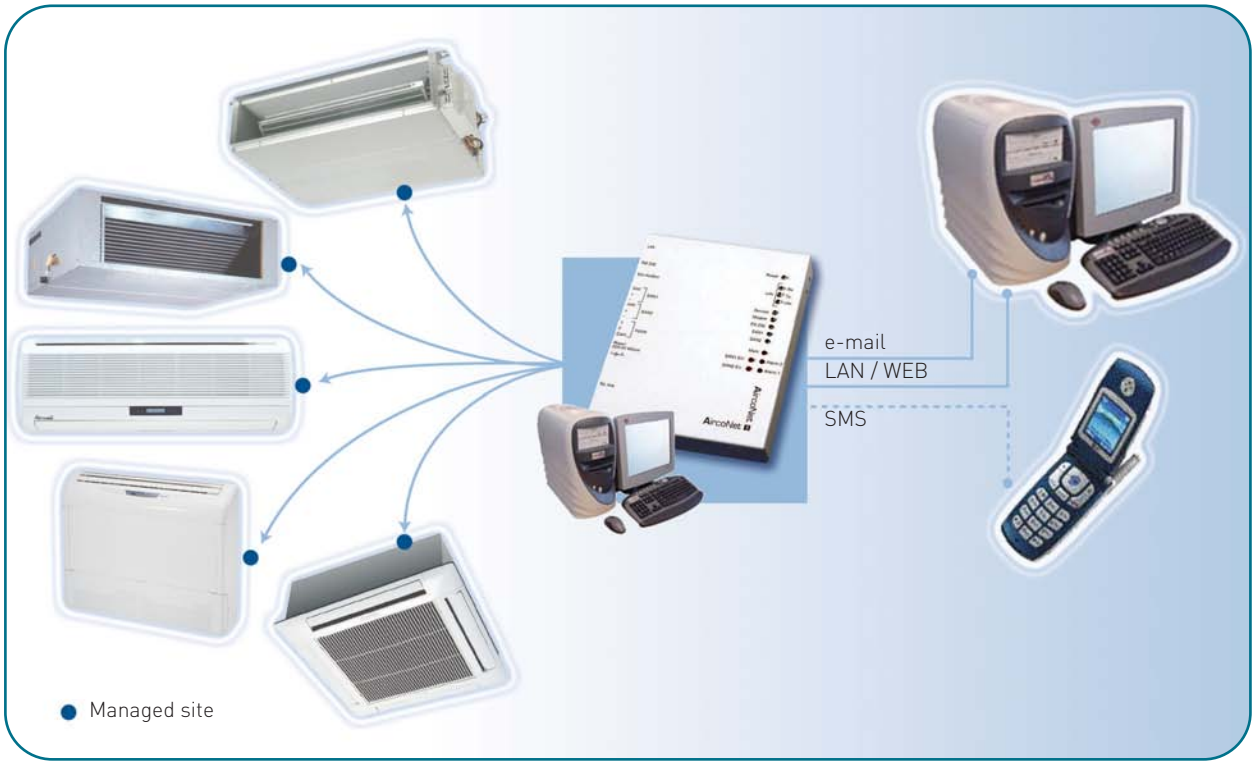
Irrespective of the type of building, by way of a simple PC connected to the Internet or to the building's local network, Airconet provides total control of a complete air conditioning system.

In fact, from the Airconet communication gateway connected to each of the indoor units and depending on access rights granted, the user can regulate blown air temperatures and fan speeds and even receive e-mail or SMS alerts regarding any system malfunctions, etc.

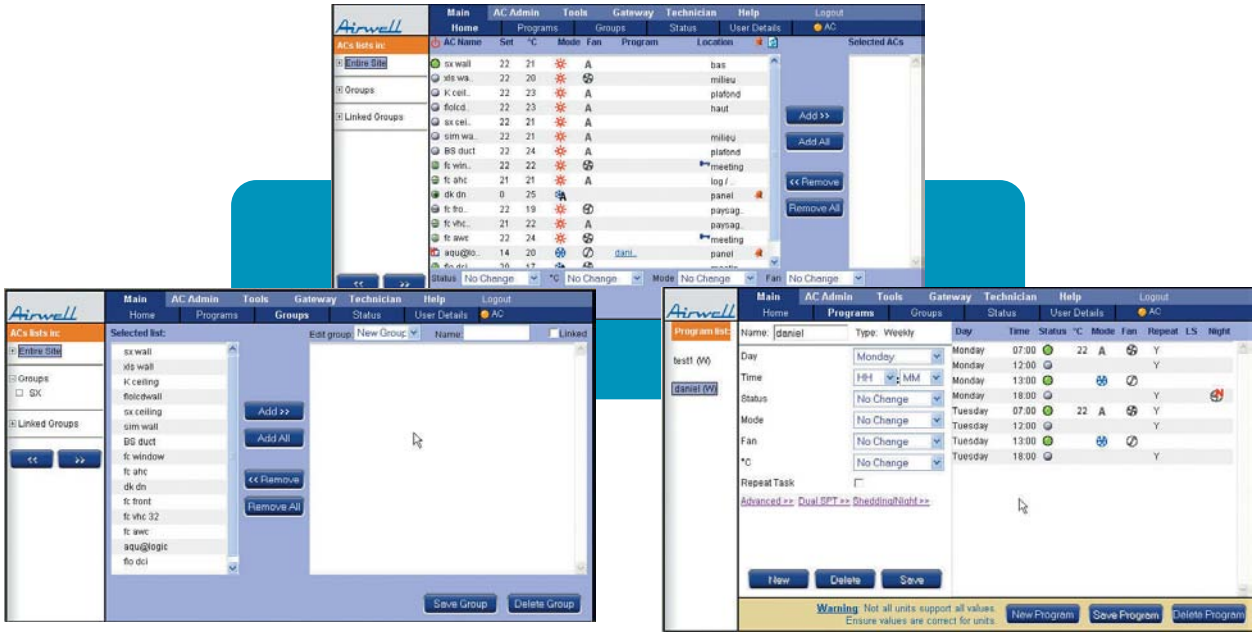
PRINCIPLE

The heart of the system is the Airconet communication gateway. This is a module installed on site and connected, on the one hand to all the air conditioning units to be managed by way of an MIU (Modbus Interface Unit) and, on the other hand, to a LAN/WEB network. In this manner, the user can connect to the communication gateway via a PC with an internet connection.
Thanks to the Plug & play system there is no requirement for the user to install any special software as this is already loaded in the Airconet communication gateway. Via the PC's internet navigator, it is possible to set and alter parameters such as room temperatures and timer programming as well as to be alerted in the event of any possible malfunctions.

INSTALLATION ARCHITECTURE



Basic configuration: (1) Airconet communication gateway module 1 per site capable of managing up to 247 indoor units, 1 MIU (2) per indoor unit depending on the unit type.



BENEFITS

- Improved occupant comfort (e.g. timing a unit to start operating before the arrival of the client/occupant).
- Lower energy bills by way of energy savings derived from overall installation control, and therefore close control of energy consumption.
- Simplified management and improved maintenance thanks to optimal installation control and real time interventions.
- Extended equipment service life.
- Completely upgradeable system.
- Real time alerts by e-mail or SMS of any installation malfunction.

ADVANTAGES

- User-friendly, straightforward, efficient and autonomous interface.
- Plug and Play installation, no software installation, modem integrated in the communication Gateway.
- Integrated system supervision, easy to use.
- Choice of languages.
- Perfect compatibility with Windows operating systems: XP, 2000, NT, 98,...
- Up to 247 units managed by a single communication Gateway.
- Very low investment.

Several user levels

LEVEL	USER	POSSIBILITIES	
1	Company employee	Local normal control of an individual unit	CLIENT
2	Reception manager (hotels…)	Centralised normal control of all units	
3	Maintenance manager	Communication gateway information verification	
4	Technician	System definition	SERVICE
5	Supervisor/Developer	Database and parameters	

Communication gateway[1]

RANGE	SIZE	PART NUMBER
Managed with all indoor units	Managed with all sizes	AIRCONET006

MIU - Communication cards[2]

RANGE	MODEL	SIZE	PART NUMBER
COMFORT	SIMPLY	9-12-18-24	AIRCONET050
	FLO	30	AIRCONET080
	XLS	9	AIRCONET100
	SX	12-18-24-30	AIRCONET030
	KLV	9-11-15-18-24	AIRCONET030
	KXL	30-36-45	AIRCONET110
	BS	11-15-18	AIRCONET070
	DHC	46-54	AIRCONET070
	DK/DN	all sizes	SP000000063+SP000000161
INDUSTRIAL	HA	all sizes	SP000000063+SP000000161

NOTE 1 : Each "Airconet XXX" reference includes the communication board (MIU) as well as the connections required for connecting to the unit.
NOTE 2 : In addition to 40 MIU boards connected to the communication gateway, a REPEATER (free of charge supply) must be installed.

COMFORT RANGE

NEW 2007

- S (floor-ceiling)
- SX TELECOM (floor-ceiling)
- CCE 45 (column)
- AELY (mobiles)
- VAR & CAO (monoblocs)

> Comfort for everyone

At home, in offices and shops... the **Comfort** range has been designed specially with you in mind. Your expectations differ... so do our solutions. With both cooling only and heat pump models available, Airwell offers you a broad range of air-conditioning systems in various format : monobloc, wall mounted, consoles, cassettes, duct units...

Wall mounted
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Floor-ceiling
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Monoblocs
p.30

Cassettes
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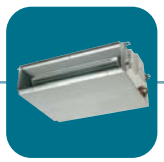
Ducted
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Multisplits
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RELAX

R-22

Wall mounted splits

- 4 Cooling Only models from 2 120 to 5 100 W
- 4 Heat Pump models from 2 150 to 5 550 W

Indoor units RELAX 7/9

Supplied with RC5 remote control

Outdoor units GC 7/9

> Product advantages

- Automatic regulation Cold/Hot.
- 2 ventilation speed.
- Timer.
- Slow down at night.
- Dehumidification.
- Compact and lightweight for easy installation and maintenance.

Accessories		RELAX 7	RELAX 9	RELAX 12	RELAX 18
Condensate lift pump	Part number	SAE3100	SAE3100	SAE3100	SAE3100
All seasons kit	Part number	7ACFH0077	7ACFH0077	7ACFH0077	7ACFH0077
Mounting bracket	Part number	7ACTL0016	7ACTL0016	7ACTL0016	7ACTL0016

RELAX

RELAX Series

		RELAX 7 / RELAX 7RC	RELAX 9 / RELAX 9RC	RELAX 12 / RELAX 12RC	RELAX 18 / RELAX 18 RC
Cooling capacity	**kW**	**2.12**	**2.53**	**3.50**	**5.1**
Power Input		0.73	0.97	1.24	1.93
EER / Label Energy		2.9/C	2.61/D	2.82/C	2.64/D
Outdoor temperature operating limits		10/46°C Dry Bulb			
Heating Capacity	**kW**	**2.15**	**2.63**	**3.60**	**5.55**
Power Input		0.69	0.90	1.28	1.9
COP / Label Energy		3.12/D	2.92/D	2.81/D	2.92/D
Outdoor temperature operating limits		-9/24°C Dry Bulb			

Indoor units		**ST RELAX 7**	**ST RELAX 9**	**ST RELAX 12**	**ST RELAX 18**
Dehumidification	l/h	320/400	350/450	450/600	450/670
Air flow speed low/high	m³/h	31/37	36/40	36/42	35/44
Acoustic pressure to 1m	dB (A)	0.7	1.0	1.7	2.2
Weight	kg	7	7	8	12
Dimensions (WxDxH)	mm	680x180x250	680x180x250	840x180x250	900x200x295
Part number		**7SP022178**	**7SP022179**	**7SP022180**	**7SP022303**

Outdoor units		**GC RELAX 7 / GC RELAX 7RC**	**GC RELAX 9 / GC RELAX 9RC**	**GC RELAX 12 / GC RELAX 12RC**	**GC RELAX 18 / GC RELAX 18RC**
Compressor type		Rotary	Rotary	Rotary	Rotary
Acoustic pressure to 1m	dB (A)	52	54	55	49
Weight	kg	23	26	37	42
Dimensions (WxDxH)	mm	600x250x500	600x250x500	760x245x545	795x610x290
Part number	**Power supply 1~230V**	**7SP061533**	**7SP061535**	**7SP061537**	**7SP061577**
Part number	**Power supply 1~230V**	**7SP061534**	**7SP061536**	**7SP061538**	**7SP061578**

Linking specifications between indoor and outdoor units					
Power supply 1~230V					
Power supply side		Ind.	Ind.	Ind.	Ind.
Power cable section	mm²	3x1	3x1	3x1.5	3x1.5
Fuse rating am (1~230V)	A	10	10	16	16
Electrical connections In./Out.	mm²	4x1	4x1	4x1.5	4x1.5
Electrical connections In./Out.	mm²	5x1	5x1	5x1.5	5x1.5
Linking pipes (not supplied)					
Max. lenght	m	10	12	15	15
Max. height	m	7	7	7	7
Suction pipe diameter	Inches	3/8”	3/8”	1/2”	1/2”
Liquid pipe diameter	Inches	1/4”	1/4”	1/4”	1/4”

SIMPLY

R-22

@ AIRCONET

Wall mounted splits

Indoor units SIM 9/12

- 4 Cooling Only models from 2 500 to 6 540 W
- 4 Heat Pump models from 2 720 to 7 900 W

Supplied with RC5 remote control

Outdoor units GC SIM 9/12

> Product advantages

- Automatic vertical treated air sweeping.
- High filtration.
- Compact and lightweight for easy installation and maintenance.
- Two fan speeds.
- Slow down at night.

Remote control RCW2
Part number 7ACEL1212

SIMPLY Series		SIM 9 SIM 9 RC	SIM 12 SIM 12 RC	SIM 18 SIM 18 RC	SIM 24 SIM 24 RC
Cooling capacity	kW	2.50	3.23	5.00	6.54
Power Input	kW	0.96	1.29	1.85	2.33
EER / Label Energy		2.6/D	2.5/E	2.7/D	2.8/D
Outdoor temperature operating limits		10/46°C Dry Bulb			
Heating Capacity	kW	2.72	3.50	5.27	7.90
Power Input	kW	1.05	1.36	1.95	2.66
COP / Label Energy		2.59/F	2.57/F	2.70/E	2.70/E
Outdoor temperature operating limits		-9/24°C Dry Bulb			

Indoor units		ST SIM 9	ST SIM 12	ST SIM 18	ST SIM 24
Dehumidification	l/h	1	1.5	2.2	2.6
Air flow (LS/HS)	m³/h	310/390	385/450	580/830	690/990
Acoustic pressure at 1m (LS/HS)	dB(A)	33/38	33/41	40/46	44/50
Weight	kg	8	9	13	14
Dimensions (WxDxH)	mm	815x170x280	815x170x280	1115x200x330	1115x205x330
Part number		7SP022106	7SP022107	7SP022181	7SP022182

Outdoor units		GC SIM 9 GC SIM 9 RC	GC SIM 12 GC SIM 12 RC	GC SIM 18 GC SIM 18 RC	GC SIM 24 GC SIM 24 RC
Compressor type		Rotary	Rotary	Rotary	Rotary
Air flow	m³/h	1370	1460	2160	2480
Acoustic pressure at 1m	dB(A)	56	58	56	61
Weight	kg	31	37	43	62
Dimensions (WxDxH)	mm	760x245x545	760x245x545	795x290x610	846x302x690
Part number	Power supply 1~230 V	7SP061304	7SP061306	7SP061531	7SP061532
Part number	Power supply 1~230 V	7SP061305	7SP061307	7SP061549	7SP061550

Linking specifications between indoor and outdoor units					
Power supply 1~230V					
Power supply side		Ind.	Ind.	Ind. or Out.	Ind.
Power cable section		3x1	3x1.5	3x1.5	3X2.5
Fuse rating am	A	10	16	16	20
Electrical connections In./Out.	mm²	4x1	4x1.5	4x1.5*	4x2.5
Electrical connections In./Out.	mm²	5x1	5x1.5	5x1.5*	5x2.5
Linking pipes					
Max. lenght	m	10	15	15	15
Max. height	m	7	7	7	7
Suction pipe diameter	Inches	3/8"	1/2"	1/2"	5/8"
Liquid pipe diameter	Inches	1/4"	1/4"	1/4"	3/8"

* In the case of connections on an indoor unit.

FLORIDA

R-22

AIRCONET

Wall mounted splits

1 Cooling Only model of 8 500 W
1 Heat Pump model of 9 500 W

Indoor unit FLORIDA 30

Supplied with RC4 remote control

Outdoor unit GC 30

FLORIDA Series		FLO 30 / FLO 30RC
Cooling capacity	**kW**	**8.5**
Power Input	kW	3.1
EER / Label Energy		2.74/D
Outdoor temperature operating limits		10/46°C Dry Bulb
Heating Capacity	**kW**	**9.5**
Power Input	kW	3.25
COP / Label Energy		2.02/D
Outdoor temperature operating limits		-9/24°C Dry Bulb

Indoor unit		**ST FLO 30**
Air flow (LS/HS)	m^3/h	1300
Acoustic pressure at 1m (LS/HS)	dB(A)	44/48/52
Weight	kg	18.5
Dimensions (WxDxH)	mm	1280x340x236
Part number	**ESF + LCD Models**	**7SP022275**

Outdoor units		**GC 30 / GC 30RC**
Compressor type		Scroll
Acoustic pressure at 1m	dB(A)	61
Weight	kg	84
Dimensions (WxDxH)	mm	900x340x970
Part number	**Power supply 1~230 V**	**7SP061403**
Part number	**Power supply 3N~400 V**	**7SP061405**
Part number	**Power supply 1~230 V**	**7SP061404**
Part number	**Power supply 3N~400 V**	**7SP061406**

Linking specifications between indoor and outdoor units		
Power supply 1~230V		
Power supply side		Out.
Power cable section	mm^2	3x4
Fuse rating am	A	25
Electrical connections In./Out.	mm^2	5x2.5
Electrical connections In./Out.	mm^2	6x2.5
Power supply 3N~400 V		
Power supply side		Out.
Power cable section	mm^2	5x2.5
Fuse rating am	A	3x16
Electrical connections In./Out.	mm^2	5x2.5
Electrical connections In./Out.	mm^2	6x1.5
Linking pipes		
Max. lenght	m	30
Max. height	m	15
Suction pipe diameter	Inches	5/8"
Liquid pipe diameter	Inches	3/8"

> Product advantages

- Automatic sweeping of treated air.
- LCD screen.
- ESF model: ioniser and prefilter.

Accessories		FLO 30
Condensate lift pump	**Part nbr**	**SAE3100**
All seasons kit	**Part nbr**	**7ACFH0078**
Mounting bracket	**Part nbr**	**7ACTL0018**

XLS

R-22

AIRCONET

Low / high wall mounted Splits

- 2 Cooling Only models from 2 640 to 3 460 W
- 2 Heat Pump models from 2 860 to 3 800 W

Indoor units XLS 9/12

Supplied with RC4 remote control

Outdoor unit GCNG 9/12

> Product advantages

- Low or high wall mounted installation.
- Innovative, ultra-compact design (only 14 cm deep).
- High performance filtration.
- Electronic regulation and programming.
- Treated air distribution from all 4 sides.
- Ultra-quiet operation – Only 36 dBA at 1 m.
- Wall mounted RCW2 remote control (accessory)
- Condensate drainage lift pump (accessory).

BLOWN AIR IN 4 DIRECTIONS

Treated air is distributed in four directions. The user can direct the treated air to optimise comfort levels, depending on the chosen operating mode:
Cooling mode: air blown upwards falls back down evenly to cool the room.
Heating mode: air blown towards the floor rises progressively to spread more effectively throughout the room.
Side blowing: ensures uniform air distribution throughout the room without creating the feeling of draughts.

CHOOSE YOUR COLOUR!

Remote control RCW2
Part number 7ACEL1212

Accessories		XLS 9			XLS 12	
Mounting bracket	**Part number**	**7ACTL0016**			**7ACTL0016**	
Condensate lift pump	**Part number**	**SAE3100**			**SAE3100**	
Colored frame	**Part number**	**7ACVF0151**	**7ACVF0152**	**7ACVF0153**	**7ACVF0154**	**7ACVF0155**
	Colour	Grey	Champagne	Yellow	Cobalt blue	Tropical blue
	Pantone	427	475	120	535	552

Nota : Three panels per set.

LOUISIANA XLS

XLS Series		XLS 9 XLS 9 RC	XLS 12 XLS 12 RC
Cooling capacity	**Watt**	**2.64**	**3.46**
Power Input	Watt	1.04	1.30
EER / Label Energy		2.54/E	2.66/D
Outdoor temperature operating limits		21/46° Dry Bulb	
Heating Capacity	**Watt**	**2.86**	**3.80**
Power Input	Watt	0.95	1.27
COP / Label Energy		3.01/D	2.99/D
Outdoor temperature operating limits		-9/24°C Dry Bulb	

Indoor units		**ST XLS 9**	**ST XLS 12**
Air flow (LS/NS/HS)	m^3/h	340/370/400	330/370/440
Acoustic pressure at 1m (LS/HS)	dB(A)	38/40/42	38/41/45
Weight	Kg	14	14
Dimensions (WxDxH)	mm	570x140x570	570x140x570
Part number		**7SP022079**	**7SP022080**

Outdoor units			**GC 9** **GC 9 RC**	**GC 12** **GC 12 RC**
Compressor type			Rotary	Rotary
Acoustic pressure at 1m		dB(A)	53	53
Weight		Kg	35	38
Dimensions (WxDxH)		mm	760x245x545	760x245x545
Part number	**Power supply 1~230 V**		**7SP061200**	**7SP061201**
Part number	**Power supply 1~230 V**		**7SP061052**	**7SP061035**

Linking specifications between indoor and outdoor units			
Power supply 1~230 V			
Power supply side		Ind.	Ind.
Power cable section	mm^2	3x1.5	3x1.5
Fuse rating am	A	10	16
Electrical connections In./Out.	mm^2	4x1.5	4x1.5
Electrical connections In./Out.	mm^2	5x1.5	5x1.5
Linking pipes			
Max. lenght	m	10	12
Max. height	m	7	7
Suction pipe diameter	Inches	3/8”	1/2”
Liquid pipe diameter	Inches	1/4”	1/4”

SX

R-22

AIRCONET

Floor/Ceiling splits

- 5 Cooling Only models from 2 640 to 8 800 W
- 5 Heat Pump models from 2 700 to 8 420 W

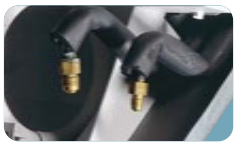
Indoor units SX 9/12/15/18

Supplied with RC4 remote control

Control panel

> Product advantages

- Low wall mounted or ceiling mounted indoor units.
- Automatic horizontal and vertical treated air sweeping.
- Compact and lightweight for easy installation and maintenance.
- Possibility of air conditioning two separate rooms with a single indoor unit.
- High efficiency filtration.



Ultra simple
Mounting template for preparing both low wall mounting and ceiling installation.

Ultra quick
Wall bracket used for pre-fitting and attaching pipe links (pipe outlet possible on the rear, left or right).

Ultra practical
Direct access to electrical and refrigeration connections without dismantling the unit.

Outdoor units GCNG 9/12/14/18

Remote control RCW2
Part number 7ACEL1212

Accessories		SX 9	SX 12	SX 18	SX 24	SX 30
Single phase electric heating	Capacity (W)	1250	1250	2000	3000	3000
	Part number	7ACEL1153	7ACEL1153	7ACEL1154	7ACEL1155	7ACEL1155
Single phase electric heating	Capacity (W)	-	1000	-	1500	1500
	Part number	-	7ACEL1172	-	7ACEL1173	7ACEL1173
Three phases electric heating	Capacity (W)	-	-	-	3000	3000
	Part number	-	-	-	7ACEL1156	7ACEL1156
Condensate lift pump	Part number	7ACFH0221	7ACFH0221	7ACFH0221	7ACFH0221	7ACFH0221
Air distribution unit	Part number	7ACVF0122	7ACVF0122	7ACVF0122	7ACVF0123	7ACVF0123
Rear panel tube cover (ceiling mounting)	Part number	7ACTL0073	7ACTL0073	7ACTL0073	7ACTL0074	7ACTL0074
Mounting bracket	Part number	7ACTL0016	7ACTL0016	7ACTL0018	7ACTL0018	7ACTL0018

NOTE : Important, installation of an all seasons kit only allows for operation in cooling mode.

CALIFORNIA SX

CALIFORNIA SX Series

		SX 9 / SX 9 RC	SX 12 / SX 12 RC	SX 18 / SX 18 RC	SX 24 / SX 24 RC	SX 30 / SX 30 RC
Cooling capacity	**kW**	**2.64**	**3.52**	**5.42**	**7.12**	**8.8**
Power Input	kW	1.07	1.36	1.92	2.58	3.68
EER / Label Energy		2.47/E	2.59/E	2.82/C	2.76/D	2.39/F
Outdoor temperature operating limits				10/46°C Dry Bulb		
Heating Capacity	**kW**	**2.70**	**3.52**	**5.85**	**7.46**	**8.42**
Power Input	kW	1.07	1.36	1.92	2.58	3.68
COP / Label Energy		2.52/F	2.59/F	3.05/D	2.89/D	2.29/G
Outdoor temperature operating limits				-9/24°C Dry Bulb		

Indoor units		**ST SX 9**	**ST SX 12**	**ST SX 18**	**ST SX 24**	**ST SX 30**
Dehumidification	l/h	1.0	2.4	2.5	-	
Air flow (LS/NS/HS)	m^3/h	290/330/350	350/390/420	460/515/560	700/820/930	740/895/1020
Acoustic pressure at 1m (LS/NS/HS)	dB(A)	35/37/38	38/41/45	40/44/48	44/48/52	45/51/54
Weight	kg	21	21	23	29.5	32
Dimensions (WxDxH)	mm	820x190x630	820x190x630	820x190x630	1200x190x630	1200x190x630
Part number		**7SP012001**	**7SP012002**	**7SP012004**	**7SP012005**	**7SP012007**

Outdoor units		**GC 9 / GC 9 RC**	**GC 12 / GC 12 RC**	**GC 18 / GC 18 RC**	**GC 24 / GC 24 RC**	**GC 30 / GC 30 RC**
Compressor type		Rotary	Rotary	Scroll	Scroll	Scroll
Acoustic pressure at 1m	dB(A)	42	43	47	47	49
Weight	kg	31	37	56	58	84
Dimensions (WxDxH)	mm	760x245x545	760x245x545	850x370x690	850x370x690	900x380x680
Part number	**Power supply 1~230 V**	**7SP061200**	**7SP061201**	**7SP061332**	**7SP061340**	**7SP061403**
Part number	**Power supply 3N~400 V**	**-**	**-**	**7SP061333**	**7SP061341**	**7SP061405**
Part number	**Power supply 1~230 V**	**7SP061052**	**7SP061035**	**7SP061334**	**7SP061342**	**7SP061404**
Part number	**Power supply 3N~400 V**	**-**	**-**	**7SP061335**	**7SP061343**	**7SP061406**

Linking specifications between indoor and outdoor units						
Power supply 1~230 V						
Power supply side		Ind.	Ind.	Ind. or Out.*	Ind. or Out.*	Out.
Fuse rating am	A	10	16	20	20	25
Power cable section (without heating)	mm^2	3x1.5	3x1.5	3x2.5	3x2.5	3x4
Electrical connections In./Out.	mm^3	4x1	4x1.5	5x2.5*	5x2.5*	5x1.5
Electrical connections In./Out.	mm^3	5x1	5x1.5	6x2.5*	6x2.5*	6x1.5
Power supply 3N~400 V						
Power supply side		-	-	Out.	Out.	Out.
Fuse rating am	A	-	-	3x6	3x8	3x10
Power cable section (without heating)	mm^2	-	-	5x1.5	5x1.5	5x1.5
Electrical connections In./Out.	mm^3	-	-	5x1.5	5x1.5	5x1.5
Electrical connections In./Out.	mm^3	-	-	6x1.5	6x1.5	6x1.5
Linking pipes						
Max. lenght	m	15	15	25	15	30
Max. height difference	m	7	7	10	7	10
Suction pipe diameter	Inches	3/8"	1/2"	5/8"	5/8"	5/8"
Liquid pipe diameter	Inches	1/4"	1/4"	3/8"	3/8"	3/8"

* In the case of connections on an indoor unit.

S

R-410A

AIRCONET

NEW

Floor/Ceiling splits

- 2 Cooling Only models from 10 100 to 13 000 W
- 2 Heat Pump models from 11 000 to 13 900 W

Indoor units
S 110/130

Supplied with RC4
remote control

GCN 37/43

> Products advantages

- Multi-position architecture for low wall and ceiling mounting.
- Indoor units with direct blowing.
- Linking pipes until 50 m.
- Compatible with Airconet Regulation.

S

S Series

		S 110	S 130
		S 110 RC	S 130 RC
Cooling capacity	**kW**	**10.10**	**13.00**
Power input	kW	3.48	4.56
EER / Label Energy		2.9/F	2.85/C
Heating capacity	**kW**	**11.00**	**13.90**
Power input	kW	3.90	4.86
COP / Label Energy		2.82/D	2.86/D

Indoor units		**ST S110**	**ST 130**
Air flow (LS/NS/HS)	m^3/h	815/980/1180	1300/1480/1600
Acoustic pressure to 1 m (LS/NS/HS)	dB(A)	48/52/56	53/56/58
Weight	kg	45	56
Dimensions (WxDxH)	mm	1280x255x590	1585x255x590
Part number		**7SP022737**	**7SP011076**

Outdoor units		**GCN 37** **GCN 37 RC**	**GCN 43** **GCN 43 RC**
Air flow	m^3/h	4150	4350
Acoustic pressure to 1 m	dB(A)	61	64
Compressor type		Rotary	Scroll
Weight	kg	87	96
Dimensions (WxDxH)	mm	900x340x970	900x340x970
Part number		**7SP061622**	**7SP061624**
Part number		**7SP061631**	**7SP061633**

Linking specifications between indoor and outdoor units			
Power supply		**1~230V**	**3N~400V**
Power supply side		Outdoor	Outdoor
Power cable section	mm^2	5x2.5	5x2.5
Fuse rating am	A	3x25	3x20
Electrical connections	mm^2	5x2.5	5x2.5
Electrical connections	mm^3	6x2.5	6x2.5
Linking pipes			
Max. lenght	m	50	50
Max. height	m	25	25
Suction pipe diameter	Inches	3/4"	3/4"
Liquid pipe diameter	Inches	3/8"	3/8"

SX SP

R-22

12° indoor temperature until 12°

Floor/Ceiling splits

4 Cooling Only models from 1 850 to 5 550 W

Indoor units SX SP 12/15/18

Outdoor units GCNG 9/12/15

> Applications

- Wine cellars.
- Areas subject to health & safety regulations (refuse collection areas, ...).
- Hospitals.
- Conservation, storage, production processes, ...
- Low temperature environment air conditioning.

> Product advantages

- Indoor temperature from 12°C to 18 °C.
- Floor or ceiling mounting.
- Integrated or remote regulation.
- All Seasons System supplied as standard equipment with the indoor unit (to be fitted to the outdoor unit).
- Anti-freezing safety protection with anti-freezing thermostat on the indoor unit.
- Electric heating (accessory).

Accessories		SX SP 12	SX SP 15	SX SP 24	SX SP 30
Single phase electric heating	Capacity (W)	1000	1000	1500	1500
	Part number	7ACEL1172	7ACEL1172	7ACEL1173	7ACEL1173
Rear panel tube cover (ceiling mounting)	Part number	7ACTL0073	7ACTL0073	7ACTL0074	7ACTL0074
Mounting bracket	Part number	7ACTL0016	7ACTL0016	7ACTL0018	7ACTL0018

SX SP

SX SP Series		SX SP 12	SX SP 15	SX SP 24	SX SP 30
Cooling capacity	**kW**	**1.85**	**2.07**	**4.39**	**5.55**
Power Input	kW	1.31	1.70	2.64	3.41
EER / Label Energy		1.41/G	1.22/G	1.66/G	1.63/G
Outdoor temperature operating limits			-10/43°C Dry Bulb		

Indoor units		**ST SXSP 12**	**ST SXSP 15**	**ST SXSP 24**	**ST SXSP 30**
Air flow	m^3/h	350	450	735	895
Acoustic pressure	dB(A)	38	44	44	47
Weight	kg	20	21	30	32
Dimensions (WxDxH)	mm	820x190x630	820x190x630	820x190x630	820x190x630
Part number		**7SP012090**	**7SP012091**	**7SP012093**	**7SP012094**

Outdoor units		**GC 9**	**GC 12**	**GC 18**	**GC 24**
Compressor type		Rotary	Rotary	Scroll	Scroll
Acoustic pressure at 1m	dB(A)	42	43	47	47
Weight	kg	31	37	56	58
Dimensions (WxDxH)	mm	760x245x545	760x245x545	850x370x690	850x370x690
Part number	**Power supply 1~230V**	**7SP061200**	**7SP061201**	**7SP061332**	**7SP061340**
Part number	**Power supply 3N~400V**	**-**	**-**	**7SP061333**	**7SP061341**

Linking specifications between indoor and outdoor units					
Power supply 1~230 V					
Power supply side		Ind.	Ind.	Ind. or Out.	Ind. or Out.
Power cable section (without heating)	mm^2	3x1.5	3x1.5	3x1.5	3x2.5
Fuse rating am	A	10	10	16	16
Electrical connections	mm^2	5x1.5	5x1.5	5x1.5	5x1.5
Power supply 3N~400V					
Power supply side		-	-	Out.	Out.
Power cable section (without heating)	mm^2	-	-	5x1.5	5x1.6
Fuse rating am	A	-	-	3x6	3x6
Electrical connections	mm^2	-	-	5x1.5	5x1.5
Linking pipes					
Max. lenght	m	15	15	25	25
Max. height difference	m	7	7	10	10
Suction pipe diameter	Inches	1/2"	1/2"	5/8"	5/8"
Liquid pipe diameter	Inches	1/4"	1/4"	3/8"	3/8"

SX TELECOM

R-407C

Floor/Ceiling splits

3 Cooling Only models from 5 200 to 8 400 W

Indoor unit SX 18T

Outdoor units GC 18/24

> Applications

- System specially designed for process applications, equipped with several safety systems and full electromagnetic radiation (EMR) protection.

> Product advantages

- HP pressostat.
- All Seasons kit -10°C.
- Progressive starting.
- Short cycling management.
- Electromechanical regulation:
  - automatic resetting in case of power cuts
  - dry contact operating fault protection devices (HP safety, anti-frost safety, excessive blown air temperature safety)
  - Remote ON/OFF control.

Accessories	SX 18T	SX 24T	SX 30T
Condensat lift pump	7ACFH0221	7ACFH0221	7ACFH0221
Mounting bracket	7ACTL0018	7ACTL0018	-
Rear panel tube cover	7ACTL0073	7ACTL0074	7ACTL0074

SX TELECOM

SX TELECOM Series		SX 18T	SX 24T	SX 30T
Cooling capacity	**kW**	**5.2**	**7.0**	**8.4**
Power input	kW	2.1	2.6	3.4
EER / Energy Label		2.5 / E	2.7 / D	2.5 / C
Operating limits OUT.T			-10/+46 °C	

Indoor units		**ST SX 18 T**	**ST SX 24 T**	**ST SX 30 T**
Air flow	m^3/h	450/500/550	630/735/840	740/895/1020
Acoustic pressure at 1 m	dB(A)	40/44/48	43/47/50	45/51/54
Weight	kg	21	29.5	32
Dimensions (WxDxH)	mm	820x190x630	1200x190x630	1200x190x630
Part number		**7SP012097S**	**7SP012098S**	**7SP012096S**

Outdoor units		**GCN 18 T**	**GC 24**	**GC N 30 T**
Acoustic pressure at 1 m	dB(A)	47	47	41
Compressor type		Scroll	Scroll	Scroll
Weight	kg	56	56	82
Dimensions (WxDxH)	mm	846x302x690	846x302x690	900x340x860
Part number	**1~230 V model**	**7SP061574S**	**7SP061575S**	**7SP061576S**
Part number	**3N~400 V model**	**7SP061652S**	**-**	**7SP061573S**

Linking specifications between indoor and outdoor units				
Power supply 1~230 V				
Power supply side		In. or Out.	In. or Out.	Outdoor
Power cable section (without heating)	mm^2	3x2.5	3x2.5	3x4
Fuse rating am	A	12	16	25
Electrical connections	mm^2	5x1	5x1	5x1
Power supply 3N~400 V				
Power supply side		-	-	Outdoor
Power cable section (without heating)	mm^2	-	-	5x1.5
Fuse rating am	A	-	-	10
Electrical connections	mm^2	-	-	5x1.5
Linking pipes				
Max. lenght	m	25	25	25
Max. height	m	10	10	10
Suction pipe diameter	Inches	5/8"	5/8"	5/8"
Liquid pipe diameter	Inches	3/8"	3/8"	3/8"

CCE

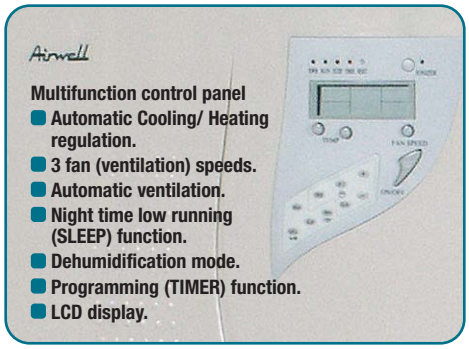
R-407C

AIRCONET

NEW

Column Split System

1 Heat Pump model of 15 000 W



Indoor unit CCE 45 RC

Outdoor unit GC 45 RC

> Product advantages

- Multifunction control panel with LCD display.
- High efficiency filtration.
- Clogged filter indicator.
- Ioniser.
- Automatic treated air sweeping.
- Air range: 12 m.
- Electronic regulation and programming.
- Scroll compressor.
- Phase controller.
- Refrigeration pipe lengths up to 40 m.

CCE

CCE 45 Series		CCE 45 RC
Cooling capacity	**kW**	**12.9**
Power Input	kW	4.82
EER / Label Energy		2.7 / D
Outdoor temperature operating limits	°C	21°/ 46° Dry Bulb
Heating Capacity	**kW**	**15**
Power Input	kW	4.57
COP / Label Energy		3.2 / C
Outdoor temperature operating limits	°C	-9°/ 24° Dry Bulb

Indoor unit		**CCE 45**
Air flow (HS)	m^3/h	2000
Acoustic power (min/max)	dB(A)	52/56
Weight	kg	70
Dimensions (WxDxH)	mm	600x370x1900
Part number		**7SP022234**

Outdoor unit		**GC CCE 40 RC**
Compressor type		Scroll
Acoustic power	dB(A)	69
Weight	kg	95
Dimensions (WxDxH)	mm	900x340x970
Part number		**7SP061521**

Linking specifications between indoor and outdoor units		
Power supply 3N~400 V		
Power supply side		Outdoor
Power cable section	mm^2	5x1.5
Fuse rating am	A	10
Electrical connections	mm^2	6x1.5
Linking pipes		
Max. lenght	m	40
Max. height difference	m	20
Suction pipe diameter	Inches	3/4”
Liquid pipe diameter	Inches	3/8”

AELY/AELIA N

R-410A

NEW

Portable units

- 2 Cooling Only models from 2 990 to 3 500 W
- 1 Heat Pump model of 4 590 W

AELY 9

AELY 12

AELIA N 14

> Product advantages

- Monobloc portable units (AELY 9/12) or split portable units (AELIA 14).
- No specific installation is required.
- High deshumidification capacity.
- 3 fan speed.
- Recycling and filtering of the air.
- 24h timer programmer.
- "I feel" function.
- Infrared remote control.

IR CONTROL

AELY / AELIA N Series		AELY 9	AELY 12	AELIA N 14 IR
Cooling capacity	kW	2.99	3.50	4.17
Power Input	kW	1.13	1.45	1.54
EER / Label Energy		2.64 / A	2.41 / B	2.7 / A
Dehumidification	l/h	1.4	2.2	1.80
Outdoor temperature operating limits	°C	21°/46° Dry Bulb		
Heating Capacity	kW	-	-	4.59
Power Input	kW	-	-	1.39
COP / Label Energy		-	-	3.3/A
Indoor units		**Monobloc**	**Monobloc**	**Split System**
Air flow (LS/NS/HS)	m³/h	280/310/350	470/520/570	356/401/433
Acoustic pressure at 1m (LS/NS/HS)	dB(A)	52	53	48/50/51
Compressor type		Rotary	Rotary	-
Weight	kg	35	45	38
Dimensions (WxDxH)	mm	370x455x876	840x450x550	470x360x800
Outdoor units				
Compressor type		-	-	Rotary
Weight	kg	-	-	17
Dimensions (WxDxH)	mm	-	-	440x320x540
1~230 V model	**Part number**	7MB021046	7MB021044	7MB021040
Linking specifications between indoor and outdoor units				
Linking pipes				
Lenght	m	-	-	3
Max. height difference	m	-	-	1.6

MAY

R-407C R-22

Window units

- 5 Cooling Only models from 2 140 to 6 400 W
- 1 Heat Pump model of 3 200 W

MAY 70/90

MAY 110

MAY 180/220

> Product advantages

- Sober and unobtrusive design.
- Easy to install and operate.
- Built into a wall or window.
- Drawer chassis.
- Reusable filter.
- Thermostatic temperature regulation.
- Angle adjustable blown air flap for even air distribution.
- New outdoor air intake device.

MAY Series		MAY 70	MAY 90	MAY 110	MAY 180	MAY 220	MAY 110 RC
Cooling capacity	kW	2.14	2.54	3.28	5	6.4	3.2
Power Input	kW	0.82	1.06	1.46	2.25	2.65	1.3
EER / Label Energy		2.6/C	2.4/E	2.2/E	2.2/E	2.4/D	2.5/E
Outdoor temperature operating limits		21/46° Dry Bulb					
Heating Capacity	kW	-	-	-	-	-	3.20
Power Input	kW	-	-	-	-	-	1.10
COP / Label Energy		-	-	-	-	-	2.9/D
Outdoor temperature operating limits		-9/24° Dry Bulb					
Indoor units							
Air flow - normal speed	m³/h	310	340	500	800	920	500
Acoustic pressure at 1m (LS/HS)	dB(A)	41/44	42/46	47/54	54/59	57/61	56/57
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Weight	kg	37	37	47	63	70	47
Dimensions (WxDxH)	mm	450x590x350	450x590x350	560x610x375	670x710x455	670x710x455	560x610x375
Linking specifications between indoor and outdoor units							
Power supply 1~230 V							
Power cable section	mm²	3x1.5	3x1.5	3x1.5	3x1.5	3x1.5	3x1.5
Fuse rating am	A	6	6	8	10	16	8
1~230 V model	**Part number**	7WT012015	7WT012016	7WT012017	7WT012028	7WT012030	7WT012012

VAR

R-410A

AIRCONET

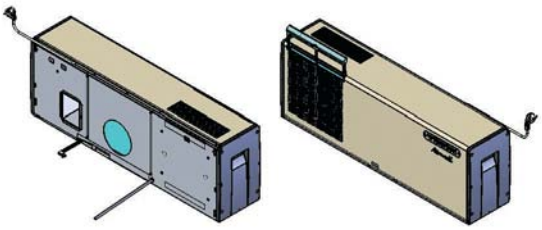
NEW

Monobloc air Console

1 Cooling Only model of 2 520 W

VAR 9

Control panel



> Product advantages

- Monobloc console concept without an outdoor unit.
- Ideal solution for premises where it is impossible to install an outdoor unit.
- Easy installation and maintenance.
- Ready to operate system.
- Floor mounted or low wall mounted.
- Compact design.
- Reinforced acoustic insulation.
- R410A high efficiency fluid.
- Factory-fitted 1,500 W electric heating.
- LED direct control panel.
- AIRCONET compatible system.
- Electrostatic filter.
- Condensate drainage pipe supplied.
- Rear outlet grille kit supplied.

VAR Series		VAR 9
Cooling capacity	kW	2.52
Power Input	kW	0.97
EER / Label Energy		2.6/C
Outdoor temperature operating limits	°C	21°/ 43° Dry Bulb

Air flow (LS/NS/HS)	m^3/h	200/250/300
Acoustic pressure to 1m (LS/HS)	dB(A)	43/45/50
Dehumidification	l/h	-
Weight	kg	43
Dimensions (WxDxH)	mm	1080/230/385
Part number	**1~230 V model**	**7WT012047**

CAO

R-407C

NEW

Water Console

3 Cooling Only models from 2 300 to 4 700 W

Indoor units
CAO 230 B/370 B

CAO 580 B

> Product advantages

- Easy installation and maintenance.
- Ideal solution for premises where it is impossible to install an outdoor unit.
- Water condenser for use with the public water network.
- Modulating regulation valve for reducing water consumption.
- Possibility of new outdoor air intake.
- Electric heating (accessory).
- Remote control repeater (accessory).
- Reusable air filters.

CAO Series		CAO 230 B	CAO 370 B	CAO 580 B
Cooling capacity	kW	2.3	3	4.7
Power Input	kW	0.66	0.85	1.3
EER / Label Energy		3.4 / E	3.5 / D	3.6 / D
Operating limits indoor temperature	°C	15°/ 32° Dry Bulb		
Condenser inlet water temperature	°C	10°/ 30°		

Indoor units				
Air flow nominal (NS/LS)	m³/h	550/450	550/450	880/725
New air flow	m³/h	60	60	80
Acoustic pressure at 4m (NS/LS)	dB(A)	40/37	41/38	43/41
Water flow at +15 °C	l/h	130	170	270
Compressor type		Rotary	Rotary	Rotary
Weight	kg	48	49	69
Dimensions (WxDxH)	mm	1030x226x620	1030x226x620	1390x226x620

Power supply 1~230 V				
Power cable section (without heating)	mm²	3x1.5	3x1.5	3x1.5
Fuse rating am	A	6	6	8
Part number	**1~230 V model**	**7CW011016**	**7CW011017**	**7CW011018**

Accessories		CAO 230 B	CAO 370 B	CAO 580 B
Single phase electric heating	Capacity (W)	2000	2000	3000
	Part number	**7ACEL0006**	**7ACEL0006**	**7ACEL0007**
Remote control	**Part number**	**7ACEL0039**	**7ACEL0039**	**7ACEL0039**

KLV/KXL

R-22

AIRCONET

Cassettes

- 7 Cooling Only models from 2 650 to 12 500 W
- 7 Heat Pump models from 2 980 to 14 200 W

Indoor units
KLV 9/11/18/24

Supplied with RC4
remote control

Indoor units
KXL 30/36/45

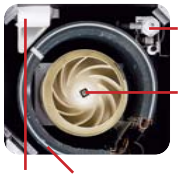
Outdoor units GCNG 9/12/14

GC 36/45

> Product advantages

- Four motorised treated air blowing flaps.
- Flush fitting into a suspended ceiling.
- 600x600 and 600x1200 (models 30 and 45).
- Flush fitting: 287 mm (KLV) / 230 mm (KXL).
- New air intake.
- Integrated condensate drainage lift pump.

SIMPLIFIED INSTALLATION AND MAINTENANCE



Condensate drainage lift pump supplied as standard equipment. Lift height up to 600 mm. 1 single attachment point for easy maintenance.

Direct access to all electrical connections and electronic components mounted on a sliding drawer.

LOW BUILT-IN HEIGHT

Remote control RCW2
Part number 7ACEL1212

Accessories		K9 LV	K11 LV	K18 LV	K24 LV	KXL30	KXL36	KXL45
Adapter frame solid ceilings	Part number	7ACVF0091	7ACVF0091	7ACVF0091	7ACVF0091	-	-	-
Mounting bracket	Part number	7ACTL0016	7ACTL0016	7ACTL0018	7ACTL0018	7ACTL0018	7ACTL0013	7ACTL0013
All seasons kit	Part number	7ACFH0077	7ACFH0077	7ACFH0077	7ACFH0077	7ACFH0078	-	-

COLORADO KLV/KXL

COLORADO KLV/KXL Series

		K9LV / K9LV RC	K11LV / K11LV RC	K18LV / K18LV RC	K24LV / K24LV RC	KXL 30 / KXL 30 RC	KXL 36 / KXL 36 RC	KXL45 / KXL 45 RC
Cooling capacity	**kW**	**2.65**	**3.22**	**5.7**	**6.8**	**9.1**	**10.1**	**12.5**
Power Input	kW	1.1	1.05	1.93	2.63	3.34	3.6	5
EER / Label Energy		2.41/E	3.1/B	2.95/C	2.59/E	2.72/D	2.81/C	2.5/E
Outdoor temperature operating limits					10/46° Dry Bulb			
Heating Capacity	**kW**	**2.98**	**3.3**	**5.8**	**7.2**	**9.2**	**10.8**	**14.2**
Power Input	kW	0.97	0.97	2.04	2.67	3.27	3.84	5.26
COP / Label Energy		3.07/D	3.4/C	2.84/D	2.7/E	2.81/D	2.81/D	2.7/E
Outdoor temperature operating limits					-9/24° Dry Bulb			

Indoor units		K9 LV	K11 LV	K18 LV	K24 LV	KXL 30	KXL 36	KXL 45
Air flow (LS/NS/HS)	m^3/h	430/470/600	375/500/550	530/640/760	590/660/760	985/1120/1200	1025/1125/1220	1200/1330/1525
Acoustic pressure at 1m (LS/NS/HS)	dB(A)	33/35/42	35/37/42	33/37/40	37/41/45	47/50/52	42/44/46	45/47/50
Condensate drainage pipe (diameter)	mm	16	16	16	16	32	32	32
Weight	kg	26	26	26	30	42	48	48
Flush mounted indoor unit (WxDxH)	mm	571x571x287	571x571x287	571x571x287	571x571x287	840x840x230	840x840x300	840x840x300
Frame (WxDxH)	mm	625x625x40	625x625x40	625x625x40	625x625x40	950x950x46	950x950x46	950x950x46
Part number	**Frame**	**included**	**included**	**included**	**included**	**7ACVF0321**	**7ACVF0321**	**7ACVF0321**
Part number		**7SP042037**	**7SP042038**	**7SP042040**	**7SP042041**	**7SP042079**	**7SP042081**	**7SP042083**

Outdoor units		GC 9 / GC 9 RC	GC 12 / GC 12RC	GC 18 / GC 18 RC	GC 24 / GC 24 RC	GC 30 / GC 30 RC	GC 36 / GC 36 RC	GC 45 / GC 45 RC
Compressor type		Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll
Acoustic pressure at 1m	dB(A)	41	42	47	47	62	65	65
Weight	kg	31	37	56	58	82	93	95
Dimensions (WxDxH)	mm	760x245x545	760x245x545	850x370x690	850x370x690	950x340x860	950x350x970	900x350x970
Part number	**Power supply 1~230 V**	**7SP061200**	**7SP061201**	**7SP061332**	**7SP061340**	**7SP061403**	**-**	**-**
Part number	**Power supply 3N~400 V**	**-**	**-**	**7SP061333**	**7SP061341**	**7SP061405**	**7SP061547**	**7SP061545**
Part number	**Power supply 1~230 V**	**7SP061052**	**7SP061035**	**7SP061334**	**7SP061342**	**7SP061404**	**-**	**-**
Part number	**Power supply 3N~400 V**	**-**	**-**	**7SP061335**	**7SP061343**	**7SP061406**	**7SP061548**	**7SP061546**

Linking specifications between indoor and outdoor units								
Power supply 1~230V								
Power supply side		Ind.	Ind.	Ind. or Out.	Ind. or Out.	Out.	-	-
Fuse rating am	A	10	16	20	20	25	-	-
Power cable section (without heating)	mm^2	3x1.5	3x1.5	3x2.5	3x2.5	3x4	-	-
Electrical connections In./Out.	mm^2	4x1.5	4x1.5	5x2.5*	5x2.5*	5x2.5	-	-
Electrical connections In./Out.	mm^2	5x1.5	5x1.5	6x2.5*	6x1.5*	6x2.5	-	-
Power supply 3N~400 V								
Power supply side		-	-	Out.	Out.	Out.	Out.	Out.
Fuse rating am	A	-	-	3x6	3x10	3x16	3x16	3x16
Power cable section (without heating)	mm^2	-	-	5x1.5	5x1.5	5x2.5	5x2.5	5x2.5
Electrical connections In./Out.	mm^2	-	-	5x1.5	5x1.5	5x1.5	5x2.5	5x2.5
Electrical connections In./Out.	mm^2	-	-	6x1.5	6x1.5	6x1.5	6x2.5	6x2.5
Linking pipes								
Max. lenght	m	15	15	25	25	30	50	50
Max. height difference	m	7	7	10	10	10	25	25
Suction pipe diameter	Inches	3/8"	1/2"	5/8"	5/8"	5/8"	3/4"	3/4"
Liquid pipe diameter	Inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"

* In the case of connections on an indoor unit.

Indoor units with fitted electric heating

		K9 LV CH	K11 LV CH	K15 LV CH	K18 LV CH	K24 LV CH	KXL30 CH	KXL36 CH	KXL45 CH
Power supply		**1~230 V**	**1~230 V**	**1~230 V**	**1~230 V**	**1~230 V**	**1~230 V**	**-**	**-**
Capacity - Heat Pump model	W	900	900	1 500	1 800	1 800	2 700	3 000	3 000
Part number		**7SP042120**	**7SP042121**	**7SP042122**	**7SP042123**	**7SP042124**	**7SP042080**	**7SP042082**	**7SP042084**

MD

R-22

Ducted Cassettes

- 3 Cooling Only models from 9 230 to 13 250 W
- 5 Heat Pump models from 9 380 to 13 370 W

Indoor units MD 35/38/50

Supplied with RC4 remote control

Outdoor units GCN 36/43

> Product advantages

- Installation possible in a corridor (width: 850 mm), suspended ceiling installation.
- Built-in depth: only 300 mm!
- Air intake via room grille, air distribution via outlets on opposite sides.
- Available air pressure for connection to a duct network.
- Possibility of air conditioning up to 6 rooms.
- Condensate drainage lift pump (up to 600 mm lift height).
- New air intake.
- Complete accessibility via the unit underside.

Remote control RCW2
Part number 7ACEL1212

Accessories		MD 35	MD 38	MD 38 DS	MD 50
Air dosing flap	Part number	7ACVF0290	7ACVF0290	7ACVF0290	7ACVF0290
New air intake	Part number	7ACVF0291	7ACVF0291	7ACVF0291	7ACVF0291
Vave-damper 3x8”	Part number	-	-	7ACFH0446	-
Vave-damper 4x8”	Part number	-	-	7ACFH0380	-
Vave-additional damper 10”	Part number	-	-	7ACFH0447	-

MD

MD Series

		MD 35	MD 38	-	MD 50	-
		MD 35 RC	MD 38 RC	MD 38 DS RC	MD 50 RC	MD 50 DS RC
		1~230 V	3N~400 V	3N~400 V	3N~400 V	3N~400 V
Cooling capacity	**kW**	**9.23**	**10.99**	**10.99**	**13.25**	**13.25**
Power Input	kW	3.58	3.85	3.85	5.2	5.2
EER / Label Energy		2.58/E	2.86/C	2.86/C	2.55/E	2.55/E
Outdoor temperature operating limits				21/46°C Dry Bulb		
Heating Capacity	**kW**	**9.38**	**11.1**	**11.1**	**13.37**	**13.37**
Power Input	kW	3.15	3.94	3.94	5.18	5.18
COP / Label Energy		2.98/C	2.82/C	2.82/C	2.58/E	2.58/E
Outdoor temperature operating limits				-9/24°C Dry Bulb		

Indoor units		ST MD 35	ST MD 38	ST MD 38DS	ST MD 50	ST MD 50 DS
Air flow (LS/NS/HS)	m^3/h	1200/1330/1700	1200/1330/1700	1200/1330/1700	1230/1350/2000	1230/1350/2000
Available static pressure (min./max.)	daPa	2/8	2/8	2/8	2/8	2/8
Acoustic pressure at 1m (LS/NS/HS)	dB(A)	45/47/52	47/50/52	47/50/52	47/50/53	47/50/53
Weight	kg	43	44	44	44	44
Flush mounted indoor unit (WxDxH)	mm	1025x760x300	1025x760x300	1025x760x300	1025x760x300	1025x760x300
Frame (WxDxH)	mm	1050x800x100	1050x800x100	1050x800x100	1050x800x100	1050x800x100
Part number		**7SP022137**	**7SP022138**	**7SP022200**	**7SP022139**	**7SP022334**

Outdoor units		GCN 30 GCN 30 RC	GCN 36 GCN 36 RC	- GCN 36 DS RC	GCN 43 GCN 43 RC	- GCN 43 DS RC
Compressor type		Scroll	Scroll	Scroll	Scroll	Scroll
Acoustic pressure at 1m	dB(A)	62	57	57	57	57
Weight	kg	82	93	93	95	95
Dimensions (WxDxH)	mm	900x340x860	900x350x970	900x350x970	900x350x970	900x350x970
Part number	**Power supply 1~230 V**	**7SP061403**	**-**	**-**	**-**	**-**
Part number	**Power supply 3N~400 V**	**7SP061405**	**7SP061547**	**-**	**7SP061545**	**-**
Part number	**Power supply 1~230 V**	**7SP061404**	**-**	**-**	**-**	**-**
Part number	**Power supply 3N~400 V**	**7SP061406**	**7SP061548**	**7SP061628**	**7SP061546**	**7SP061629**

Linking specifications between indoor and outdoor units						
Power supply 1~230V						
Power supply side		Out.	-	-	-	-
Power cable section	mm^2	3x4	-	-	-	-
Fuse rating am	A	25	-	-	-	-
Electrical connections In./Out.	mm^2	6x2.5 + 2x0.5	-	-	-	-
Power supply 3N~400V						
Power supply side		-	Out.	Out.	Out.	Out.
Power cable section	mm^2	-	5x4	5x1.5	5x1.5	5x2.5
Fuse rating am	A	-	3x10	3x10	3x10	3x10
Electrical connections In./Out.	mm^2	-	6x1.5 + 2x0.5	6x1.5 + 2x0.5	6x1.5 + 2x0.5	6x1.5 + 2x0.5
Linking pipes						
Max. lenght	m	30	30	50	50	50
Max. height difference	m	10	25	25	25	25
Suction pipe diameter	Inches	3/8”	3/4”	3/4”	3/4”	3/4”
Liquid pipe diameter	Inches	5/8”	3/8”	3/8”	3/8”	3/8”

BS

R-22

AIRCONET

Ducted

- 6 Cooling Only models from 3 450 to 12 600 W
- 6 Heat Pump models from 3 400 to 14 000 W

Indoor units BS 11/18

BS 24/30

Delivered with RC4 remote control

Outdoor units GCNG 12/14

GCN 30/36/40

Receiver

> Product advantages

- Suspended ceiling installation.
- Horizontal or vertical mounting (models 11/18/24/30).
- Horizontal mounting only (models 36 and 43).
- Low built in height (300 mm).
- Pressure available for connection to a duct network.
- Sets of accessories for air intake and distribution via ducts or grilles.

Remote control RCW2
Part number 7ACEL1212

Accessories		BS11	BS18	BS24	BS30	BS36	BS43
N°1 cassette air intake plenum kit	Part number	7ACVF0075	7ACVF0075	7ACVF0076	7ACVF0076	-	-
N°2 duct connection plenum kit	Part number	7ACVF0073	7ACVF0073	7ACVF0074	7ACVF0074	-	-
Kit Electric heating	Part number	7ACEL1305	7ACEL1306	7ACEL1259	7ACEL1259	7ACEL1267	7ACEL1267
All seasons kit	Part number	7ACFH0077	7ACFH0077	7ACFH0077	7ACFH0078	-	-
Mounting bracket	Part number	7ACTL0016	7ACTL0018	7ACTL0018	7ACTL0018	-	-

BS

BS Series

		BS11	BS18	BS24	BS30	BS36	BS43
		BS11 RC	BS18 RC	BS24 RC	BS30 RC	BS36 RC	BS43 RC
Cooling capacity	**kW**	**3.20**	**4.7**	**6.7**	**8.56**	**9.08**	**12.9**
Power Input	kW	1.05	2.02	2.7	3.34	3.24	4.83
EER / Label Energy		3.05/A	2.33/C	2.48/E	2.56/E	2.8/D	2.67/D
Heating capacity	**kW**	**3.20**	**5.23**	**7.3**	**9.42**	**9.38**	**13.77**
Power Input	kW	0.96	1.77	2.55	3.04	2.93	4.75
COP / Label Energy		3.33/A	2.95/B	2.86/D	3.1/D	3.2/D	2.9/C

Indoor units		ST BS 11	ST BS 18	ST BS 24	ST BS 30	ST BS 36	ST BS 43
Air flow (LS/NS/HS)	m^3/h	360/450/580	660/710/800	910/1035/1120	1040/1150/1350	1175/1380/1535	1430/1600/1765
Available static pressure	Pa	30	30	32	37	37	50
Acoustic pressure at 1 m (MV)	dB(A)	35	49	41	53	54.5	55
Dimensions (WxDxH)	mm	860x680x245	860x245x680	1190x270x675	1190x270x680	1115x365x530	1100x300x485
Weight	kg	30	31	66	46	37	41
Part number		**7SP022128**	**7SP022130**	**7SP022131**	**7SP022134**	**7SP022135**	**7SP022136**

Outdoor units		GCNG 12 GCNG 12 RC	GC 18 GC 18 RC	GC 24 GC 24 RC	GCN 30 GCN 30 RC	GCN 36 GCN 36 RC	GCN 40 GCN 40 RC
Compressor type		Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
Acoustic pressure at 1 m	dB(A)	54	53	67	69	69	69
Weight	kg	35	42	58	82	82	95
Dimensions (WxDxH)	mm	830x245x545	795x290x610	850x370x690	900x340x860	900x340x970	900x350x970
Power supply 1~230 V	**Part number**	**7SP061201**	**7SP061332**	**7SP061340**	**7SP061403**	**-**	**-**
Power supply 3N~400 V	**Part number**	**-**	**-**	**7SP061341**	**7SP061405**	**7SP061547**	**7SP061545**
Power supply 1~230 V	**Part number**	**7SP061035**	**7SP061334**	**7SP061342**	**7SP061404**	**-**	**-**
Power supply 3N~400 V	**Part number**	**-**	**-**	**7SP061343**	**7SP061406**	**7SP061548**	**7SP061546**

Linking specifications between indoor and outdoor units							
Power supply 1~230 V - 50 Hz							
Power supply side		Indoor	In. or Out.	In. or Out.	Outdoor	-	-
Power cable section (without heating)	mm^2	3x1.5	3x1.5	3x1.5	3x2.5	-	-
Fuse rating am	A	10	16	20	20	-	-
Power supply 3N~400 V - 50 Hz							
Power supply side		-	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section (without heating)	mm^2	-	5x1.5	5x1.5	5x1.5	5x1.5	5x1.5
Fuse rating am	A	-	3x6	3x10	3x16	3x16	3x16
Linking pipes							
Max. lenght	m	15/7	15/7	30/10	30/10	30/10	50/25
Max. height	Inches	1/2-1/4	1/2-1/4	5/8-3/8	5/8-3/8	5/8-3/8	3/4-3/8
Electrical connections In./Out.	mm^2	5x1.5	5x1.5	5x1.5	5x1.5	5x1.5	5x1.5
Electrical connections In./Out.	mm^2	6x1.5	6x1.5	6x1.5	6x1.5	6x1.5	6x1.5

DHC

R-22

AIRCONET

Ducted

- 1 Cooling Only model of 13 480 W
- 2 Heat Pump models from 7 900 to 16 200 W

Indoor units DHC

Outdoor units GC 46/54

Supplied with RC3 remote control

> Product advantages

- Suspended ceiling installation.
- Horizontal mounting.
- Pressure available for a connection to a ducted network.

DHC

DHC Series		DHC 46	-
		DHC 46 RC	DHC 54 RC
Cooling capacity	**kW**	**13.48**	**15.8**
Power Input	kW	5.18	5.84
EER / Label Energy		2.6/E	2.71/D
Heating Capacity	**kW**	**13.8**	**16.2**
Power Input	kW	4.44	5.23
COP / Label Energy		3.11/D	3.1/D

Indoor units		**DHC 46**	**DHC 54**
Air flow (normal speed)	m^3/h	2120	2310
Available static pressure	daPa	50	80
Acoustic pressure at 1m (normal speed)	dB(A)	53	56
Dimensions (WxDxH) without accessories	mm	1040x595x400	1140x680x400
Weight	kg	42	46
Part number		**7SP022238**	**7SP022239**

Outdoor units		**GCN 43** **GCN 43 RC**	**-** **GCN 50 RC**
Compressor type		Scroll	Scroll
Acoustic pressure at 1m	dB(A)	62	62
Weight	kg	95	110
Dimensions (WxDxH)	mm	900x340x970	900x340x1290
Part number	**Power supply 3N~400 V**	**7SP061545**	**-**
Part number	**Power supply 3N~400 V**	**7SP061546**	**7SP061480**

Linking specifications between indoor and outdoor units			
Power supply 3N~400V			
Power supply side		Out.	Out.
Fuse rating am	A	3x16	3x20
Power cable section (without heating)	mm^2	5x2.5	5x2.5
Electrical connections In./Out.	mm^2	5x1.5	5x1.5
Electrical connections In./Out.	mm^2	6x1.5	6x1.5
Linking pipes (not supplied)			
Max. lenght	m	25	50
Max. height difference	m	15	25
Suction pipe diameter	Inches	3/4”	7/8”
Liquid pipe diameter	Inches	3/8”	1/2”

DUO/TRIO

R-407C R-22

Multisplits

TRIO 12/12/12

- 3 Cooling Only models from 4 200 to 7 000 W
- 6 Heat Pump models from 4 400 to 11 400 W

DUO 9/9-9/12-12/12

> Product benefits

- Independent operation of each indoor unit.
- Rotary compressor.
- Possibility of air conditioning two separate rooms with a single unit.
- 2 or 3 independant cooling circuits.
- Rotary compressors.

Compatibility guide

Wall mounted SIMPLY

		SIM 9	SIM 12	SIM 18
Cooling capacity	kW	2.5	3.23	5.0
Heating capacity	kW	2.72	3.5	5.27
Air flow (PV/GV)	m³/h	310/390	385/450	580/830
Acoustic pressure to 1 m (LS/HS)	dB(A)	33/38	33/41	40/46
Weight	kg	8	9	13
Dimensions (WxDxH)	mm	815x170x280	815x170x280	1115x200x330
Part number		**7SP022106**	**7SP022107**	**7SP022181**

Wall mounted LOUISIANA XLS

		XLS 9	XLS 12
Cooling capacity	kW	2.64	3.46
Heating capacity	kW	2.86	3.80
Air flow (LS/HS)	m³/h	340/400	330/440
Acoustic pressure to 1 m (LS/HS)	dB(A)	38/42	38/45
Weight	kg	14	14
Dimensions (WxDxH)	mm	570x140x570	570x140x570
Part number		**7SP022079**	**7SP022080**

Cassettes COLORADO KLV

		KLV 9	KLV 11	KLV 18
Cooling capacity	kW	2.65	3.22	5.7
Heating capacity	kW	2.98	3.30	5.8
Air flow (LS/MS/HS)	m³/h	430/470/600	375/500/550	530/640/760
Acoustic pressure to 1 m (LS/MS/HS)	dB(A)	33/35/42	35/37/42	33/37/40
Weight	kg	26	26	26
Dimensions (WxDxH)	mm	625x625x40	625x625x40	625x625x40
Part number		**7SP042037**	**7SP042038**	**7SP042040**

Floor/Ceiling splits CALIFORNIA SX

		SX 9	SX 12	SX 18
Cooling capacity	kW	2.64	3.52	5.42
Heating capacity	kW	2.7	3.52	5.85
Air flow (LS/MS/HS)	m³/h	290/330/350	350/390/420	460/515/560
Acoustic pressure to 1 m (LS/HS)	dB(A)	35/37/38	38/41/45	40/44/48
Weight	kg	21	21	23
Dimensions (WxDxH)	mm	820x190x630	820x190x630	820x190x630
Part number		**7SP012001**	**7SP012002**	**7SP012004**

Ducted BS

			BS 11	BS 18
Cooling capacity	kW		3.45	5.05
Heating capacity	kW		3.4	5.43
Air flow (LS/MS/HS)	m³/h		360/450/580	660/710/800
Acoustic pressure to 1 m (HS)	dB(A)		35	49
Weight	kg		30	31
Dimensions (WxDxH)	mm		860x680x245	860x680x245
Part number			**7SP022128**	**7SP022130**

DUO/TRIO

DUO/TRIO Series

		-	DUO 9-9	DUO 9-12	DUO 12-12	-	-
		DUO 7-7 RC	DUO 9-9 RC	DUO 9-12 RC	DUO 12-12 RC	DUO 18-18 RC	TRIO 12-12-12 RC
Cooling capacity	**kW**	**4,2 (2x2,1)**	**5,2 (2x2,6)**	**6,6 (2x3,3)**	**7 (2x3,5)**	**10,9 (2x5,4)**	**11,04 (3x3,68)**
Power Input	kW	1,70	2,02	2,83	2,72	4,37	3,7
EER / Label Energy		2,47/E	2,57/E	2,08/G	2,42/E	2,5/E	2,98/C
Outdoor temperature operating limits		21/46°C Dry Bulb					
Heating Capacity	**kW**	**4,4 (2x2,2)**	**5,4 (2x2,8)**	**5,9 (2,6 + 3,3)**	**7 (2x3,5)**	**10,7 (2x5,3)**	**11,4 (3x3,8)**
Power Input	kW	1,44	1,96	2,33	2,78	4,57	3,65
COP / Label Energy		3,06/D	2,76/E	2,53/F	2,52/F	2,35/D	3,12/D
Outdoor temperature operating limits		-10/46°C Dry Bulb					

Outdoor units		R-22	R-22	R-22	R-22	R-407C	R-407C
Compressor type		Rotary	Rotary	Rotary	Rotary	Scroll	Rotary
Ways/compressor		2	2	2	2	2	3
Noise level	dB(A)	49	53	53	57	60	60
Weight	kg	52	60	62	64	110	120
Dimensions (WxDxH)	mm	850x370x690	850x370x690	850x370x690	850x370x690	850x325x690	950x340x1270
Power supply 1~230 V	**Part number**	**-**	**7SP091105**	**7SP091101**	**7SP091103**	**-**	**-**
Power supply 1~230 V	**Part number**	**7SP091099**	**7SP091100**	**7SP091102**	**7SP091104**	**7SP091097**	**7SP091098**

Linking specifications between indoor and outdoor units							
Power supply 1~230 V							
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Fuse rating am	mm^2	10	16	20	20	32	32
Electrical connections In./Out.	mm^2	-	2x (5x1,5)	2x (5x1,5)	2x (5x1,5)	-	-
Electrical connections In./Out.	mm^2	2x (6x1,5)	2x (6x1,5)	2x (6x1,5)	2x (6x1,5)	2x (6x2,5)	2x (6x2,5)
Linking pipes							
Max. lenght	m	2x15	2x15	2x15	2x15	2x50	3x45
Max. height	m	2x6	2x6	2x6	2x6	2x30	3x10
Suction pipe diameter	Inches	2x3/8"	2x3/8"	1/2" + 3/8"	2x1/2"	2x5/8"	3x1/4"
Liquid pipe diameter	Inches	2x1/4"	2x1/4"	2x1/4"	2x1/4"	2x3/8"	3x1/2"

INDUSTRIAL RANGE

> An air of power

Based on its incomparable expertise on this core market, with its 2007 **Industrial** range, Airwell offers a vast choice of system capacities up to 84,000 Watt. Air or water condenser vertical cabinet units, Ducted packaged units, Rooftop units: a comprehensive range of systems to match all your requirements.
In addition, the DKDN and HA systems are equipped with an intelligent CAC controller microprocessor control facility. This high-tech PCB not only provides easy access to all system statuses, alarms and sensor data, but also generates significant energy savings, sets the de-icing time duration, etc.

Vertical cabinet units p.46

Packaged Split-System p.50

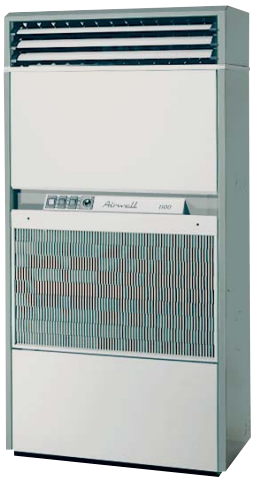
Rooftop p.52

XAR

R-22

Vertical air cabinets

6 Cooling Only models from 9 700 to 55 000 W



Indoor unit X 1100 AR*

X 2450 AR*

Outdoor units UC 33-53

> Product advantages

- Easy installation and maintenance.
- Split system with outdoor condenser fan units.
- Treated air distribution to premises by plenum or duct network.
- Adjustable available static pressure.
- Thermostat temperature regulation.
- Electrical, refrigeration and thermal protection devices.
- Electric heating (accessory).
- Hot water coil battery heating (accessory).
- "All Seasons" system (Cooling mode operation down to outdoor temperatures of -10° C).
- Remote fault reporting (accessory).
- Plenum, duct flanges (accessory).

Accessories		X 1100 AR	X 1900 AR	X 2450 AR	X 3250 AR	X 4650 AR	X6450 AR
Set of female valves	Part nbr	7ACFH0054	7ACFH0055	7ACFH0056	7ACFH0061	7ACFH0057	7ACFH0060
Pipe links	Part nbr	7ACFH0210 (1)	7ACFH0211	7ACFH0212	7ACFH0213	7ACFH0214	7ACFH0215
Electric heating	Capacity (W)	9000	12000	18000	22500	37500	45000
	Part nbr	7ACEL0042	7ACEL0043	7ACEL0057	7ACEL0058	7ACEL0116	7ACEL0119
Hot water heating (water at 90/80 °C)	Capacity (W)	15500	29700	38500	50000	77000	94000
Confirm left or right side outlet	Part nbr	7ACFH0062	7ACFH0063	7ACFH0064	7ACFH0118	7ACFH0180	7ACFH0170
Combined ON/OFF switch and room thermostat (2)	Part nbr	7ACEL0041	7ACEL0041	7ACEL0032	7ACEL0032	7ACEL0032	7ACEL0032
"High Ventilation"	Part nbr	7ACVF0023	7ACVF0024	-	-	-	-
"All seasons" system	Part nbr	7ACFH0069	7ACFH0070	7ACEL0104	7ACFH0072	7ACFH0071	7ACFH0146
Remote fault reporting kit	Part nbr	-	-	7ACEL0072	7ACEL0072	7ACEL0071	7ACEL0071
Air distribution duct frame	Part nbr	7ACVF0101	7ACVF0102	7ACVF0050	7ACVF0051	7ACVF0052	7ACVF0052
Total rear air intake duct frame	Part nbr	7ACVF0041	7ACVF0104	7ACVF0043	7ACVF0044	7ACVF0045	7ACVF0046
Front air distribution plenum	Part nbr	7ACVF0105	7ACVF0106	7ACVF0108	7ACVF0109	7ACVF0110	7ACVF0111
New air intake	Part nbr	7ACVF0047	7ACVF0047	-	-	-	-

(1) Pipe lenghts up to 15m: ref 7ACFH0296 . (2) Switch assembly to be fitted in the room.

* Switch assembly to be fitted in the room.

XAR

XAR Series		X 1100 AR	X 1900 AR	X 2450 AR	X 3250 AR	X 4650 AR	X6450 AR
Cooling capacity	kW	**9.7**	**15.9**	**20**	**29.03**	**39.8**	**55**
Power Input	kW	4.2	6.7	8.2	11.7	16.9	24
EER	kW	2.31	2.37	2.44	2.48	2.36	2.29

Indoor units							
Nominal air flow	m^3/h	2000	3200	4500	5800	9000	12000
Air flow range (min./max.)	m^3/h	1500/2500	2500/3800	3600/5400	4600/7000	7200/10800	9500/14500
Available static pressure (max.)	daPa	0/20	0/30	0/20	0/25	0/23	0/29
Cooling circuit		1	1	1	1	2	2
Compressor type		Piston	Piston	Piston	Piston	Piston	Piston
Air distribution plenum: height	mm	220	260	350	350	400	400
Noise level	dB(A)	48	53	56	56	56	56
Weight	kg	136	182	265	350	525	600
Dimensions (WxDxH)	mm	890x430x1540	1000x500x1735	1300x600x1840	1530x600x1840	1715x790x1970	1980x790x1970
Part number		**7XU022001**	**7XU022005**	**7XU022010**	**7XU022019**	**7XU022023**	**7XU022028**

Condenser units		**UC 33 A**	**UC 53 A**	**UC 73 A**	**UC 103 A**	**UC 73 A**	**UC 103 A**
Quantity		1	1	1	1	2	2
Weight	kg	59	68	93	130	93	130
Dimensions (WxDxH)	mm	885x825x831	885x825x831	1141x885x831	1546x885x893	1141x885x831	1546x885x893
Part number **Power supply 3N~400 V**		**7XU031010**	**7XU031014**	**7XU031017**	**7XU031018**	**2 x 7XU031017**	**2 x 7XU031018**

Linking specifications between indoor and outdoor units							
Power supply 3N~400 V							
Power cable section	mm^2	5x2.5	5x2.5	5x4	5x6	5x10	5x16
Fuse rating am	A	3x16	3x25	3x25	3x32	3x50	3x63
Electrical connections	mm^2	5x1.5	5x1.5	5x1.5	5x1.5	6x1.5	6x1.5
Linking pipes (not supplied)							
Max. lenght	m	45	45	45	45	45	45
Suction pipe diameter	Inches	1/2”	1/2”	5/8”	3/4”	5/8”	3/4”
Liquid pipe diameter	Inches	3/8”	3/8”	1/2”	5/8”	1/2”	5/8”

XAO

R-22

Vertical water cabinets

6 Cooling Only models from 8 300 to 45 700 W

Indoor unit CX 25*

X 4650 AO*

> Product advantages

- Easy installation and maintenance.
- Monobloc system.
- Operating with mains or recycled water.
- Treated air distribution to premises by plenum or duct network.
- Adjustable available static pressure.
- Thermostat temperature regulation.
- Electrical, refrigeration and thermal protection devices.
- Electric heating (accessory).
- Hot water coil battery heating (accessory).
- "All Seasons" system (Cooling mode operation down to outdoor temperatures of -10° C).
- Remote fault reporting (accessory).
- Plenum, duct flanges (accessory).

Electrical accessories		CX 25	X 1100 AO	X 1900 AO	X 2450 AO	X 3250 AO	X 4650 AO
Electric heating 1~230 V	Capacity (W)	5490	-	-	-	-	-
	Part nbr	7ACEL0017	-	-	-	-	-
Electric heating 3N~400 V	Capacity (W)	5490	9000	12000	18000	22500	37500
	Part nbr	7ACEL0018	7ACEL0042	7ACEL0043	7ACEL0057	7ACEL0058	7ACEL0116
Hot water heating (water 90/80 °C)	Capacity (W)	-	15500	29700	38500	50000	77000
Confirm left or right side outlet	Part nbr	-	7ACFH0062	7ACFH0063	7ACFH0064	7ACFH0118	7ACFH0180
Combined ON/OFF switch and room thermostat (1)	Part nbr	7ACEL0030	7ACEL0041	7ACEL0041	7ACEL0032	7ACEL0032	7ACEL0032
"High Ventilation"	Part nbr	7ACVF0025	7ACVF0023	7ACVF0024	-	-	-
Sum heating resistance	Part nbr	7ACEL0027	7ACEL0029	included	-	-	-
Remote fault reporting kit	Part nbr	-	-	-	7ACEL0072	7ACEL0072	7ACEL0071
Body work accessories							
Air distribution duct frame	Part nbr	-	7ACVF0101	7ACVF0102	7ACVF0050	7ACVF0051	7ACVF0052
Total rear air intake duct frame	Part nbr	-	7ACVF0041	7ACVF0104	-	-	-
Front air distribution plenum	Part nbr	7ACVF0112	7ACVF0105	7ACVF0106	7ACVF0108	7ACVF0109	7ACVF0110
New air intake	Part nbr	-	7ACVF0047	7ACVF0047	-	-	-

(1) Combined to be mounted in ambiance.

* Switch assembly to be fitted in the room.

XAO

XAO Series		CX 25	X 1100 AO	X 1900 AO	X 2450 AO	X 3250 AO	X 4650 AO
Cooling capacity	kW	**8.30**	**11.6**	**18.5**	**23.6**	**32**	**45.7**
Power Input	kW	2.55	3.8	5.5	7.115	9.75	13.9
EER	kW	3.26	3.05	3.36	3.31	3.28	3.29

Cooling circuit			**1**	**1**	**1**	**1**	**1**	**2**
Compressor type			Piston	Piston	Piston	Piston	Piston	Piston
Noise level (Pressure NS)		dB(A)	50	52	55	58	64	60
Air distribution plenum: height		mm	300	220	260	350	350	400
Weight		kg	125	151	199	305	380	565
Dimensions (WxDxH)		mm	800x407x1280	890x430x1540	1000x500x1735	1300x600x1840	1530x600x1840	1715x790x1970
Aeraulic characteristics								
- Nominal air flow		m^3/h	1500	2000	3200	4500	5800	9000
- Air flow range (min/max)		m^3/h	1160/1750	1500/2500	2500/3800	3600/5400	4600/7000	7200/10800
- Available static pressure (min/max)		daPa	0/8	0/20	0/30	0/20	0/25	0/23
Hydraulic characteristics								
- Waste water	Flow	m^3/h	0.37	0.58	0.92	1.45	2	2.8
	Pressure drop	kPa	25	22	18	42	40	18
- Recycled water	Flow	m^3/h	1.36	2.1	3.4	4.3	5.8	8.3
	Pressure drop	kPa	180	50	70	60	40	56
1~230V With pressostatic water valve			**7XU012001**	**-**	**-**	**-**	**-**	**-**
3N~400V With pressostatic water valve			**-**	**-**	**-**	**7XU012016**	**7XU012023**	**7XU012024**
3N~400V Without pressostatic water valve			**7XU012002**	**7XU012004**	**7XU012008**	**7XU012013**	**7XU012015**	**7XU012017**

Linking specifications between indoor and outdoor units							
Power supply 1~230V							
Power cable section	mm^2	3x2.5	-	-	-	-	-
Fuse rating am	A	16	-	-	-	-	-
Power supply 3N~400V							
Power cable section	mm^2	5x1.5	5x1.5	5x1.5	5x1.5	5x1.5	5x1.5
Fuse rating am	A	3x10	3x12	3x20	3x25	3x32	3x50

DK/DN

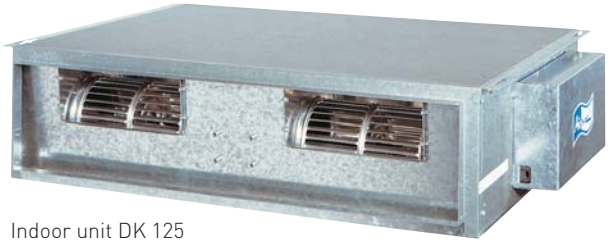
DK/DN

R-22

AIRCONET

Packaged Split-System

- 11 Cooling Only models from 12 000 to 83 000 W
- 11 Heat Pump models from 12 400 to 83 800 W



Indoor unit DK 125

DK 205 to 605

Outdoor units DN 405 to 605

> Product advantages

- Indoor centrifugal fan units for duct network connection.
- Multi-position architecture for horizontal or vertical mounting (depending on models).
- Versions with factory-fitted "All Seasons" kit (Cooling mode operation down to outdoor temperatures of -10° C).
- Outdoor Helicoidal fan units.
- Frame and air filter supplied.
- CAC Controller: Microprocessor system control and management.
- Scroll compressor.
- Phase controller.
- Electric heating (accessory).
- Centralised regulation with RCW2 remote control (accessory).

Remote control RCW2
Part number 7ACEL1212

Accessories		DK-V 125	DK-V 155	185	205	255	305	405	505 & 605	755 & 905
Electric heating	Capacity (W)	9000	10500	12000	12000	18000	18000	21000	30000	30000
	Part number	7ACEL1208	7ACEL1209	7ACEL1185	7ACEL1186	7ACEL1189	7ACEL1176	7ACEL1177	7ACEL1178	7ACEL1340

DK/DN

DK/DN Series

		125	155	185	205	255	305	405	505	605	755	905
		125 RC	155 RC	185 RC	205 RC	255 RC	305 RC	405 RC	505 RC	605 RC	755 RC	905 RC
Cooling capacity	kW	**12**	**14.5**	**17.5**	**19.1**	**22**	**28.1**	**36.5**	**45.5**	**56.6**	**69.1**	**83**
Power Input	kW	4.9	5.8	6.9	7.1	8.3	11.5	14.3	17.1	22.8	24.2	29.7
EER		2.4	2.5	2.5	2.69	2.65	2.44	2.55	2.66	2.48	2.85	2.79
Outdoor temperature operating limits		10/46°C Dry Bulb										
Heating Capacity	kW	**12.4**	**15.7**	**18**	**19.1**	**21.8**	**27.3**	**36.5**	**43.8**	**57.1**	**71**	**83.8**
Power Input	kW	4.8	5.8	6.4	6.4	7	8.0	12.1	14.1	20	23.8	29.2
COP		2.6	2.7	2.8	2.98	3.11	3.41	3.02	3.11	2.86	3	2.9
Outdoor temperature operating limits		-10/19°C Dry Bulb										

Indoor units DK		DK-V 125	DK-V 155	DK 185	DK 205	DK 255	DK 305	DK 405	DK 505	DK 605	DK 755	DK 905
Mounting		H. ou V.	H. ou V.	Horiz.	Horiz.	Horiz.	Horiz.	Horiz.	Horiz.	Horiz.	Horiz.	Horiz.
Nominal air flow	m^3/h	2100	2850	3500	4500	4680	5760	7560	9360	9720	12000	14300
Min./ max air flow	m^3/h	1600/ 2400	2300/ 3100	2800/ 3900	3600/ 5000	3800/ 5100	4600/ 6300	6000/ 8200	7500/ 10300	7780/ 11000	9600/ 13200	11440/ 15730
Available static pressure (min/max)	daPa	0/18	0/11	0/20	2/21	0/21	0/12	0/14	3/19	7/20	5/33	4/46
Nominal acoustic capacity	dB(A)	69	72	76	82	82	78	81	80	81	84	88
Weight	kg	69	77	98	98	100	150	160	205	209	266	282
Dimensions (WxDxH)	mm	1050x 890x 350	1250x 890x 350	1350x 745x 400	1350x 1060x 400	1350x 1060x 400	1690x 991x 676	1690x 991x 676	2100x 1064x 704	2100x 1 064x 704	2208x 910x 795	2208x 910x 945
Part number	**Power supply 3N~400 V**	7SP051152	7SP051151	7SP051069	7SP051141	7SP051142	7SP051143	7SP051144	7SP051145	7SP051146	7SP051122	7SP051123

Outdoor units DN		DN 125 DN 125RC	DN 155 DN 155RC	DN 185 DN 185RC	DN 205 DN 205RC	DN 255 DN 255RC	DN 305 DN 305RC	DN 405 DN 405RC	DN 505 DN 505RC	DN 605 DN 605RC	DN 755 DN 755RC	DN 905 DN 905RC
Acoustic power (HS)	dB(A)	80	81	78	78	81	82	82	84	87	87	87
Compressor type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Number of fan		1	1	1	1	1	1	2	2	2	2	2
Weight	kg	140	150	164	164	164	187	317	378	405	559	592
Dimensions (WxDxH)	mm	746x 746x 909	900x 800x 1060	900x 800x 1060	900x 800x 1060	900x 800x 1060	1003x 1003x 1094	1708x 1123x 972	1708x 1123x 1171	1708x 1123x 1171	2213x 1345x 1304	2213x 1345x 1454
Part number	**Power supply 3N~400 V**	7SP111059	7SP111050	7SP111051	7SP112001	7SP112002	7SP112003	7SP112004	7SP112005	7SP112006	7SP112187	7SP112189
Part number	**Power supply 3N~400 V**	7SP111060	7SP111052	7SP111053	7SP112007	7SP112008	7SP112009	7SP112010	7SP112011	7SP112012	7SP112188	7SP112190

Linking specifications between indoor and outdoor units												
Power supply 3N~400V												
Power cable section	mm^2	5x2.5	5x4	5x4	5x4	5x4	5x6	5x10	5x16	5x16	5x25	5x35
Fuse rating am	A	3x16	3x20	3x25	3x25	3x25	3x32	3x40	3x50	3x63	3x63	3x80
Electrical connections	mm^2	6x1.5	6x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x2.5
Linking pipes												
Max. lenght	m	50	50	50	30	30	30	30	30	30	30	30
Max. height	m	50	50	50	15	15	15	15	15	15	15	15
Suction pipe diameter < 20 m	Inches	3/4"	7/8"	7/8"	1-1/8"	1-1/8"	7/8"	7/8"	7/8"	1-1/8" (< 10 m)	1-3/8"	1-3/8"
Suction pipe diameter > 20 m	Inches	3/4"	7/8"	7/8"	1-1/8"	1-1/8"	1-1/8"	7/8"	7/8"	1-1/8" (< 10 m)	1-3/8"	1-3/8"
Liquid pipe diameter < 20 m	Inches	1/2"	1/2"	5/8"	1/2"	1/2"	5/8"	1/2"	1/2"	1/2"	5/8"	5/8"
Liquid pipe diameter > 20 m	Inches	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"

HA

R-22

AIRCONET

Rooftop units

- 6 Cooling Only models from 10 100 to 27 900 W
- 6 Heat Pump models from 10 400 to 28 500 W

HA unit

> Product advantages

- Outdoor installation
- Air intake and distribution orifices for connection to a duct network.
- CAC Controller: Microprocessor system control and management.
- RCW 2 wall mounted remote control or dry contact control (accessory).
- Electric heating resistance battery for duct installation (accessory).

Remote control RCW2
Part number 7ACEL1212

Accessories		HA 35	HA 43 et 50	HA 50, 60, 85 & 95
Electric heating (1)	Capacity (W)	6000	9000	12000
	Part number	7ACEL1216	7ACEL1217	7ACEL1219

(1) Installed inside ducting, inside the building.

		HA 35	HA 43, 50 & 60	HA 85	HA 95
Air filter (air intake)	Part number	7ACVF0145	7ACVF0146	7ACVF0147	7ACVF0148

HA

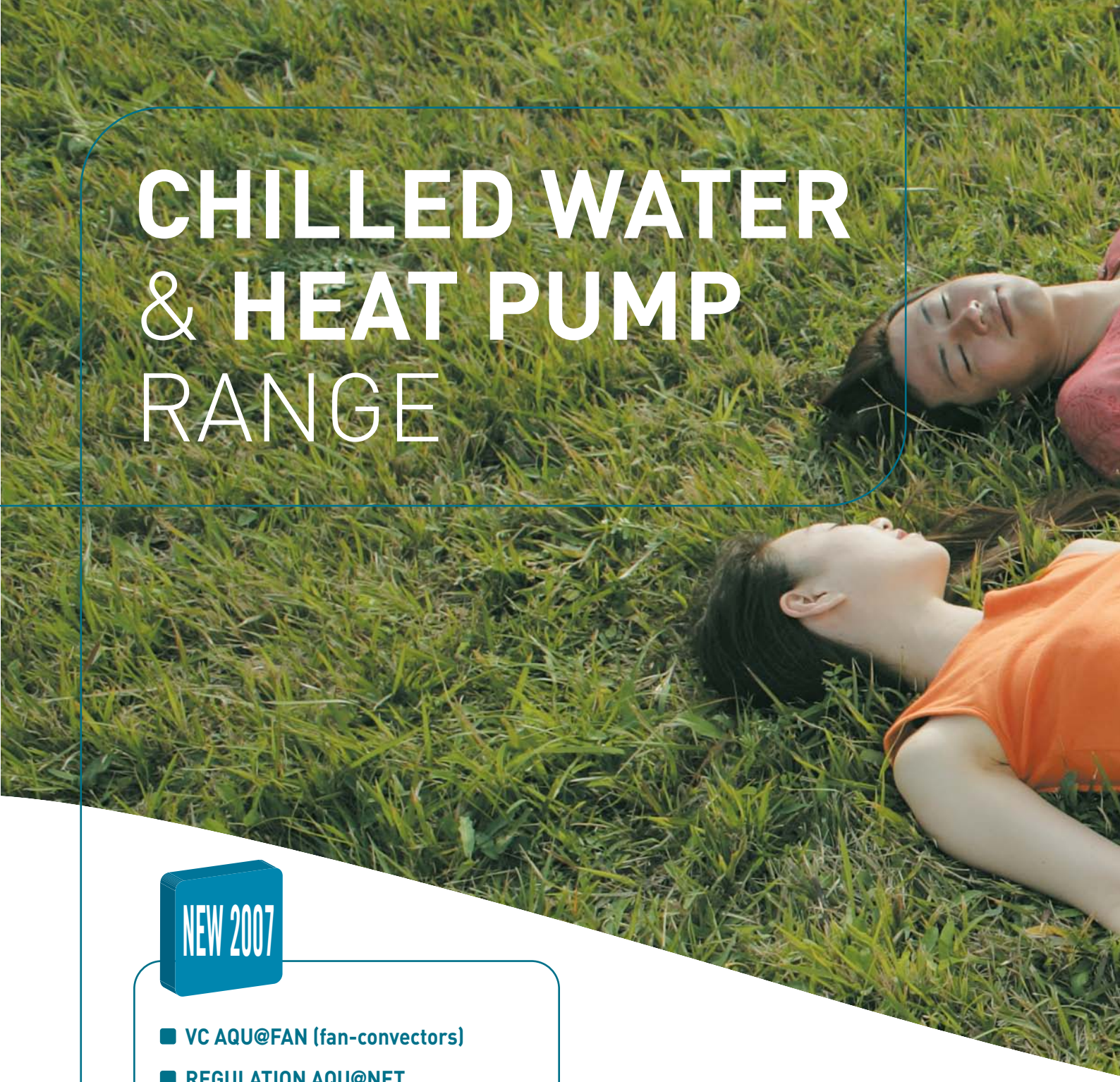
HA Series

		HA 35	HA 43	HA 50	HA 60	HA 85	HA 95
		HA 35 RC	HA 43 RC	HA 50 RC	HA 60 RC	HA 85 RC	HA 95 RC
Cooling capacity	**kW**	**10.1**	**13**	**14.5**	**18.3**	**23.2**	**27.9**
Power Input	kW	3.7	5.1	6.01	7.5	9.05	10.7
EER		2.73	2.55	2.41	2.44	2.56	2.61
Outdoor temperature operating limits		15/46°C Dry Bulb					
Heating Capacity	**kW**	**10.4**	**12.8**	**14.8**	**18.4**	**22.2**	**28.5**
Power Input	kW	3.3	4.2	4.3	5.9	7.6	8.5
COP		3.15	3.05	3.44	3.12	2.92	3.35
Outdoor temperature operating limits		-10/24°C Dry Bulb					

Air flow							
- Nominal	m^3/h	1 980	2 520	3 060	3 600	4 680	5 760
- Minimal / Maximal	m^3/h	1585/2375	2020/3020	2450/3675	2880/4320	3745/5615	4610/6915
Available static pressure							
- Minimal / Maximal	daPa	10/15	0/28	15/26	13/22	12/23	10/12
Acoustic pressure							
- Indoor	dB(A)	68	70	78	71	71	72
- Outdoor	dB(A)	80	82	87	83	83	83
Compressor type		Reciprocating	Reciprocating	Reciprocating	Reciprocating	Reciprocating	Reciprocating
Weight	kg	140	197	210	216	265	310
Dimensions (WxDxH)	mm	1095x1150x695	1325x1325x750	1325x1325x750	1325x1325x750	1325x1325x980	1325x1325x1200
Part number	**Power supply 3N~400 V**	**7HL022001**	**7HL022002**	**7HL022003**	**7HL022004**	**7HL022005**	**7HL022006**
Part number	**Power supply 3N~400 V**	**7HL022007**	**7HL022008**	**7HL022009**	**7HL022010**	**7HL022011**	**7HL022012**

Power supply 3N~400V							
Power cable section		5x2.5	5x2.5	5x2.5	5x2.5	5x4	5x6
Fuse rating am		3x20	3x25	3x25	3x32	3x32	3x32

CHILLED WATER & HEAT PUMP RANGE



NEW 2007

- VC AQU@FAN (fan-convectors)
- REGULATION AQU@NET
- AQL/AQH (aqu@logic)
- CWP (heat pump)

> Technological, ecological and adaptable

With a capacity ranging from 1 kW to 90 kW, the **Airwell Chilled Water and Heat Pump Range** is one of the most competitive of the market. Its configurations, perfectly adapted to air/water, water/water, helical or centrifugal requirements, can supply all types of terminal: fan convectors; wall-mounted; cassette-mounted, duct-mounted for residential tertiary areas.

Fan-convectors p.56

Aqu@net p.60

Cassettes p.62

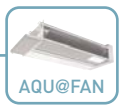
Ducted/ wall units p.64

Air/water chillers p.66

Aqu@logic p.68

Air/water heat pump p.70

2 pipes



4 pipes

NEW

2 PIPES AQU@FAN

Fan-convectors

18 models from 1 100 to 13 900 W - 4 Versions

AQU@FAN AHC

AQU@FAN AWC

> Product advantages

- Ease of installation.
- Streamlined design and elaborate finish enabling harmonious integration.
- Air flow rate between 150 and 1500 m³/h.
- Series of 2 pipes, 2 pipes/2 wires and 4 pipes.
- 4 versions, lightened, on chassis, flush-mountable, Ceiling fixture, on chassis, flush-mountable.
- 5-speed motor.
- Very low operating sound levels.
- Aquanet electronic regulation as an accessory.

Accessories	Sizes	10	20	30	40	50	60	70	80	90
W4G1: Regulation valve 1 valve-4 ways										
for AWC/AWN	Part number	7ACFH0363	7ACFH0363	7ACFH0363	7ACFH0363	7ACFH0363	7ACFH0363	7ACFH0367	7ACFH0367	7ACFH0367
for AHC/AHN	Part number	7ACFH0361	7ACFH0361	7ACFH0361	7ACFH0361	7ACFH0361	7ACFH0361	7ACFH0365	7ACFH0365	7ACFH0365
W4G2: Regulation valve 2 valves-4 ways										
for AWC/AWN	Part number	7ACFH0364	7ACFH0364	7ACFH0364	7ACFH0364	7ACFH0364	7ACFH0364	7ACFH0368	7ACFH0368	7ACFH0368
for AHC/AHN	Part number	7ACFH0362	7ACFH0362	7ACFH0362	7ACFH0362	7ACFH0362	7ACFH0362	7ACFH0366	7ACFH0366	7ACFH0366
ELECTROMECHANICAL REMOTE CONTROL (EXCEPT AWC VERSION)										
TRM VP: Wall mounted, on/off, winter/summer 3 fan speed, control on valve										
TRM-FA: Wall mounted, on/off, winter/summer 3 fan speed, control on fan										
CMVM: Manual fan speed selector (4 levels)	Part number	7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276
MP: Floor fixing brackets for AWC										
for AWC	Part number	7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116
for AWN	Part number	7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117
BAC: Auxiliary drain tray	Part number	7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118
PRC27: Condensate pump AHN	Part number	7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360
MPG: Air Intake Grill between feets for AWC & AHC	Part number	-	7ACTL0119	7ACTL0187	7ACTL0188	7ACTL0189	7ACTL0190	7ACTL0191	7ACTL0192	7ACTL0193

2 PIPES AQU@FAN

2 pipes AQU@FAN Series

		1030	2030	3030	4030	5030	6030	7030	8030	9030
Cooling Capacity (HS/NS/LS)	**kW**	**1.1/0.95/0.7**	**2/1.6/1.1**	**2.4/2/1.5**	**3.5/2.6/2.2**	**5/3.3/2.5**	**5.7/4.4/3.4**	**6.8/5.6/4**	**9/6.6/4.7**	**10.7/9/6.4**
Water flow (HS/NS/LS)	l/h	194/162/122	346/270/187	418/367/263	594/450/375	861/573/429	983/753/583	1174/965/673	1548/1142/814	1840/1548/1102
Head losses (HS/NS/LS)	kPa	19/13/8	43/28/15	16/12/7	32.5/20/14	29/14/8	42/26/16	22/16/8	39/23/12	38/28/15
Heating capacity (HS/NS/LS)	**kW**	**1.6/1.3/0.9**	**2.7/2.1/1.3**	**3.4/2.6/1.7**	**4.6/3.5/2.7**	**6/4.2/3.2**	**7.4/5.2/4**	**8.4/6.9/5**	**11.3/8.4/5.9**	**13.9/11.5/7.5**
Water flow (HS/NS/LS)	l/h	194/162/122	345/270/188	417/367/263	594/450/374	861/572/428	983/752/583	1173/965/673	1548/1141/814	1839/1548/1101
Head losses (HS/NS/LS)	kPa	16/11/7	37/23/12	13/11/6	28/17/12	24/12/7	35/22/14	19/13/7	33/19/10	33/24/13
Air flow (HS/NS/LS)	m^3/h	166/126/90	292/205/122	374/267/167	524/354/272	677/434/307	843/598/431	984/735/502	1266/859/612	1598/1218/719
Acoustic pressure (HS/NS/LS)	dB(A)	40/33/25	45/35/26	48/40/29	44/34/29	47/36/29	53/44/34	53/46/38	58/48/41	62/58/45
AWC Serie - Vertical Console Units with Cabinet										
Weight	kg	-	20	23	30	35	39	42	50	56
Dimensions (WxDxH)	mm	-	768x231x478	953x231x478	1138x231x478	1323x231x478	1508x231x478	1323x231x578	1508x231x578	1693x231x578
Part number		**-**	**70G031577**	**70G031579**	**70G031581**	**70G031583**	**70G031585**	**70G031587**	**70G031589**	**70G031591**
AWN Serie - Vertical Concealed Units without Cabinet										
Weight	kg	11	14	16	23	27	30	34	41	46
Dimensions (WxDxH)	mm	515x220x430	655x220x430	840x220x430	1025x220x430	1210x220x430	1395x220x430	1210x220x530	1395x220x530	1580x220x530
Part number		**70G031593**	**70G031595**	**70G031597**	**70G031599**	**70G031601**	**70G031603**	**70G031605**	**70G031607**	**70G031609**
AHC Serie - Ceiling Exposed Units with Cabinet										
Weight	kg	-	20	23	30	35	39	42	50	56
Dimensions (WxDxH)	mm	-	768x231x478	953x231x478	1138x231x478	1323x231x478	1508x231x478	1323x231x578	1508x231x578	1693x231x578
Part number		**-**	**70G031611**	**70G031613**	**70G031615**	**70G031617**	**70G031619**	**70G031621**	**70G031623**	**70G031625**
AHN Serie - Ceiling Concealed Units without Cabinet										
Weight	kg	11	14	16	23	27	30	34	41	46
Dimensions (WxDxH)	mm	572x220x430	712x220x430	897x220x430	1082x220x430	1267x220x430	1452x220x430	1267x220x530	1452x220x530	1637x220x530
Part number		**70G031627**	**70G031629**	**70G031631**	**70G031633**	**70G031635**	**70G031637**	**70G031639**	**70G031641**	**70G031643**

2 pipes/2 wires AQU@FAN Series

		1030 E	2030 E	3030 E	4030 E	5030 E	6030 E	7030 E	8030 E	9030 E
Cooling Capacity (HS/NS/LS)	**kW**	**1.1/0.95/0.7**	**2/1.6/1.1**	**2.4/2/1.5**	**3.5/2.6/2.2**	**5/3.3/2.5**	**5.7/4.4/3.4**	**6.8/5.6/4**	**9/6.6/4.7**	**10.7/9/6.4**
Water flow (HS/NS/LS)	l/h	194/162/122	346/270/187	418/367/263	594/450/375	861/573/429	983/753/583	1174/965/673	1548/1142/814	1840/1548/1102
Head losses (HS/NS/LS)	kPa	19/13/8	43/28/15	16/12/7	32.5/20/14	29/14/8	42/26/16	22/16/8	39/23/12	38/28/15
Heating capacity (HS/NS/LS)	**kW**	**1.6/1.3/0.9**	**2.7/2.1/1.3**	**3.4/2.6/1.7**	**4.6/3.5/2.7**	**6/4.2/3.2**	**7.4/5.2/4**	**8.4/6.9/5**	**11.3/8.4/5.9**	**13.9/11.5/7.5**
Water flow (HS/NS/LS)	l/h	194/162/122	345/270/188	417/367/263	594/450/374	861/572/428	983/752/583	1173/965/673	1548/1141/814	1839/1548/1101
Head losses (HS/NS/LS)	kPa	16/11/7	37/23/12	13/11/6	28/17/12	24/12/7	35/22/14	19/13/7	33/19/10	33/24/13
Electrical heating	W	500	750	1200	1500	2000	2400	3000	3600	4500
Air flow (HS/NS/LS)	m^3/h	166/126/90	292/205/122	374/267/167	524/354/272	677/434/307	843/598/431	984/735/502	1266/859/612	1598/1218/719
Acoustic pressure (HS/NS/LS)	dB(A)	40/33/25	45/35/26	48/40/29	44/34/29	47/36/29	53/44/34	53/46/38	58/48/41	62/58/45
AWC Serie - Vertical Console Units with Cabinet										
Weight	kg	-	20	23	30	35	39	42	50	56
Dimensions (WxDxH)	mm	-	768x231x478	953x231x478	1138x231x478	1323x231x478	1508x231x478	1323x231x578	1508x231x578	1693x231x578
Part number		**-**	**70G031645**	**70G031646**	**70G031647**	**70G031648**	**70G031649**	**70G031650**	**70G031651**	**70G031652**
AWN Serie - Vertical Concealed Units without Cabinet										
Weight	kg	11	14	16	23	27	30	34	41	46
Dimensions (WxDxH)	mm	515x220x430	655x220x430	840x220x430	1025x220x430	1210x220x430	1395x220x430	1210x220x530	1395x220x530	1580x220x530
Part number		**70G031653**	**70G031654**	**70G031655**	**70G031656**	**70G031657**	**70G031658**	**70G031659**	**70G031660**	**70G031661**
AHC Serie - Ceiling Exposed Units with Cabinet										
Weight	kg	-	20	23	30	35	39	42	50	56
Dimensions (WxDxH)	mm	-	768x231x478	953x231x478	1138x231x478	1323x231x478	1508x231x478	1323x231x578	1508x231x578	1693x231x578
Part number		**-**	**70G031662**	**70G031663**	**70G031664**	**70G031665**	**70G031666**	**70G031667**	**70G031668**	**70G031669**
AHN Serie - Ceiling Concealed Units without Cabinet										
Weight	kg	11	14	16	23	27	30	34	41	46
Dimensions (WxDxH)	mm	572x220x430	712x220x430	897x220x430	1082x220x430	1267x220x430	1452x220x430	1267x220x530	1452x220x530	1637x220x530
Part number		**70G031670**	**70G031671**	**70G031672**	**70G031673**	**70G031674**	**70G031675**	**70G031676**	**70G031677**	**70G031678**

AQU@FAN 2 pipes

AQU@FAN 4 pipes

NEW

4 PIPES AQU@FAN

Fan-convectors

9 models from 1 100 to 14 011 W - 4 Versions

AQU@FAN AHN

AQU@FAN AWN

> Product advantages

- Ease of installation.
- Streamlined design and elaborate finish enabling harmonious integration.
- Air flow rate between 150 and 1500 m³/h.
- Series of 2 pipes, 2 pipes/2 wires and 4 pipes.
- 4 versions, lightened, on chassis, flush-mountable, Ceiling fixture, on chassis, flush-mountable.
- 5-speed motor.
- Very low operating sound levels.
- Aquanet electronic regulation as an accessory.

Accessories		Sizes	10	20	30	40	50	60	70	80	90
W4G1: Regulation valve 1 valve-4 ways											
for AWC/AWN	Part number		7ACFH0363	7ACFH0363	7ACFH0363	7ACFH0363	7ACFH0363	7ACFH0363	7ACFH0367	7ACFH0367	7ACFH0367
for AHC/AHN	Part number		7ACFH0361	7ACFH0361	7ACFH0361	7ACFH0361	7ACFH0361	7ACFH0361	7ACFH0365	7ACFH0365	7ACFH0365
W4G2: Regulation valve 2 valves-4 ways											
for AWC/AWN	Part number		7ACFH0364	7ACFH0364	7ACFH0364	7ACFH0364	7ACFH0364	7ACFH0364	7ACFH0368	7ACFH0368	7ACFH0368
for AHC/AHN	Part number		7ACFH0362	7ACFH0362	7ACFH0362	7ACFH0362	7ACFH0362	7ACFH0362	7ACFH0366	7ACFH0366	7ACFH0366
ELECTROMECHANICAL REMOTE CONTROL (EXCEPT AWC VERSION)											
TRM VP: Wall mounted, on/off, winter/summer 3 fan speed, control on valve											
TRM-FA: Wall mounted, on/off, winter/summer 3 fan speed, control on fan											
CMVM: Manual fan speed selector (4 levels)	Part number		7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276	7ACEL1276
MP: Floor fixing brackets for AWC											
for AWC	Part number		7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116	7ACTL0116
for AWN	Part number		7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117	7ACTL0117
BAC: Auxiliary drain tray	Part number		7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118	7ACTL0118
PRC27: Condensate pump AHN	Part number		7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360	7ACTL0360
MPG: Air Intake Grill between feets for AWC & AHC	Part number		-	7ACTL0119	7ACTL0187	7ACTL0188	7ACTL0189	7ACTL0190	7ACTL0191	7ACTL0192	7ACTL0193

AQU@FAN 4 PIPES

4 pipes AQU@FAN Series		1031	2031	3031	4031	5031	6031	7031	8031	9031
Cooling Capacity (HS/NS/LS)	**kW**	**1.1/0.9/0.7**	**1.97/1.5/1.1**	**2.4/2.1/1.5**	**3.4/2.5/2.1**	**4.9/3.2/2.4**	**5.6/4.3/3.3**	**6.7/5.5/3.8**	**8.8/6.5/4.6**	**10.5/8.8/6.2**
Water flow (HS/NS/LS)	l/h	191/158/119	338/266/184	411/356/256	583/439/367	839/558/418	961/735/569	1145/940/655	1516/1113/792	1804/1512/1069
Head losses (HS/NS/LS)	kPa	18/13/8	42/27/14	15/12/7	31/19/14	27/13/8	40/25/16	21/15/8	38/22/12	37/27/14
Heating capacity (HS/NS/LS)	**kW**	**1.4/1.25/1**	**2.5/2.1/1.5**	**3.3/2.8/2.2**	**4.5/3.7/3.2**	**6.3/4.9/3.9**	**6.6/5.6/4.6**	**7/6.2/4.7**	**11.5/9.4/6.7**	**14/12.3/8.9**
Water flow (HS/NS/LS)	l/h	126/110/88	216/184/129	292/246/189	398/327/281	550/428/340	583/493/403	620/541/414	1014/828/592	1229/1079/783
Head losses (HS/NS/LS)	kPa	2/2/1	6/4/2	13/9/6	25/17/13	50/32/21	15/11/8	14/11/7	48/33/18	73/57/32
Air flow (HS/NS/LS)	m^3/h	161/122/87	283/224/158	362/258/162	508/343/263	656/420/297	817/579/417	953/712/486	1226/832/592	1547/1180/696
Acoustic pressure (HS/NS/LS)	dB(A)	40/34/26	45/36/27	48/41/30	44/34/29	47/37/29	53/46/35	53/46/38	58/49/41	62/58/45
AWC Serie - Vertical Console Units with Cabinet										
Weight	kg	-	20	23	30	35	39	42	50	56
Dimensions (WxDxH)	mm	-	768x231x478	953x231x478	1138x231x478	1323x231x478	1508x231x478	1323x231x578	1508x231x578	1693x231x578
Part number		**-**	**70G031578**	**70G031580**	**70G031582**	**70G031584**	**70G031586**	**70G031588**	**70G031590**	**70G031592**
AWN Serie - Vertical Concealed Units without Cabinet										
Weight	kg	11	14	16	23	27	30	34	41	46
Dimensions (WxDxH)	mm	515x220x430	655x220x430	840x220x430	1025x220x430	1210x220x430	1395x220x430	1210x220x530	1395x220x530	1580x220x530
Part number		**70G031594**	**70G031596**	**70G031598**	**70G031600**	**70G031602**	**70G031604**	**70G031606**	**70G031608**	**70G031610**
AHC Serie - Ceiling Exposed Units with Cabinet										
Weight	kg	-	20	23	30	35	39	42	50	56
Dimensions (WxDxH)	mm	-	768x231x478	953x231x478	1138x231x478	1323x231x478	1508x231x478	1323x231x578	1508x231x578	1693x231x578
Part number		**-**	**70G031612**	**70G031614**	**70G031616**	**70G031618**	**70G031620**	**70G031622**	**70G031624**	**70G031626**
AHN Serie - Ceiling Concealed Units without Cabinet										
Weight	kg	11	14	16	23	27	30	34	41	46
Dimensions (WxDxH)	mm	572x220x430	712x220x430	897x220x430	1082x220x430	1267x220x430	1452x220x430	1267x220x530	1452x220x530	1637x220x530
Part number		**70G031628**	**70G031630**	**70G031632**	**70G031634**	**70G031636**	**70G031638**	**70G031640**	**70G031642**	**70G031644**

AQU@NET

Central regulation station

µBMS mini central regulation station

> Product advantages

- Window contact.
- Multiple configuration.
- Compliant with RT2000.

The µBMS surveillance central station was designed to control operation and to monitor the temperature of individual systems, but also average sized heating, ventilation and air conditioning systems.
It is simple to use and efficiently manages from 1 to 15 different temperature zones.
By simple programming, the user can change the set temperature values of heating and cooling modes, select the ventilation speed for each of the areas monitored by his mini surveillance central station.
This central station makes it possible to individually monitor the following functions in each of the zones by means of a single RS 385 communication bus (2 twisted and shielded wires):

• A programming including on/off or sleep, the time and day of the week, the operating mode, the ventilation speed (Lo, Me, Hi, Auto), and temperature settings.
This programming selects the time ranges.
- Either individually (for each zone) for 2 time ranges.
- Or globally (for all zones) for 2 time ranges.

• A comfort (occupancy)/economy (vacant) function.

• An anti-frost function for heating mode.

• A ventilation flap control function.

Electronic controls

Type of device	AWC	AWN	AHC	AHN
Wall-mounted RCL (kit)	•	•	•	•
Device mounted RCL	•	•	-	-

Electronic regulators

AquaNet system A = 2 Pipes
AquaNet system B = 2 Reversible Pipes (with pipe probe) (4-way valve mandatory)
AquaNet system C = 2 Pipes/2 Wires (2 electrical stages) (1)
AquaNet system D = 2 Reversible Pipes + Additional electric power (3 Heating stages : heating valve + 2 electric stages) (1) (4-way valve mandatory)
AquaNet system E = 4 Pipes

(1) Second heating stage with electric battery on option, see tarif.

Regulation and communication accessories

Auxiliary board for communication via NIU bus (factory mounted)
µBMS central surveillance station (100 units and 15 zones)
Airconet@niu control board

ATTENTION: products configured per requirements. Specify the type of system desired in the order. (A, B, C, D, E), the type of RCL control desired (built-in or remoted), the accessories.

ELECTRONIC REGULATION INFORMING ON WATER AND AIR

RCL control (built into the unit or remoted)

Electronic regulation for the Aqu@Net was specially developed for fan convectors of the lightened, ceiling fixture or cassette type, with total recycled air for applications relating to 2 cooling pipes alone, 2 heating pipes alone, 2 pipes/2 wires, 2 reversible pipes with or without additional electric power and 4 pipes. It consists of an FCC regulator built into the fan convector and an RCL control that can be installed on option on our range of lightened type fan convectors.

Aqu@Net is a new generation of regulation units operating with a proprietary communication bus by means of an additional board that is very simple to install and a supervision central station called µBMS. For small systems, this regulation also makes it possible to very easily set up a master/slave wire link network to monitor up to 15 devices with a single RCL control.

The Aqu@Net electronic regulation was designed to provide an excellent trade-off between cost (thermal valve for integral proportional regulation), ergonomics and performance.

It is compatible with the µBMS supervision central station and communicates over the proprietary bus; it can however also operate without the supervision central station. The Aqu@Net regulation enables adaptation to the following air conditioner models:

MODEL A : For fan convectors with 2 heating or cooling pipes alone with manual changeover.
MODEL B : For fan convectors with 2 reversible pipes with automatic changeover (pipe probe).
MODEL C : For fan convectors with 2 pipes/2 wires.
MODEL D : For fan convectors with 2 reversible pipes with automatic changeover (pipe probe) and additional electric power for heating and cooling.
MODEL E : For fan convectors with 4 pipes.

FCC regulator (built into the unit)

The Aqu@Net regulation fully controls operation of the fan convector, by switching on or shutting down as a function of the temperature setting, automatic or manual engagement of the ventilation speeds, control of the heating or cooling valve in timed mode proportional to the PI algorithm, and an integral proportional control on the two electric heating stages.
In its standard configuration, the Aqu@Net regulation integrates additional functions for an individual control or for controlling several zones of fan convectors:

- **comfort function (occupancy) / economy function (vacant),**
- **window contact with activation of anti-frost mode,**
- **keypad locking,**
- **operation as master/slave of up to 15 units, from a single remote control.**

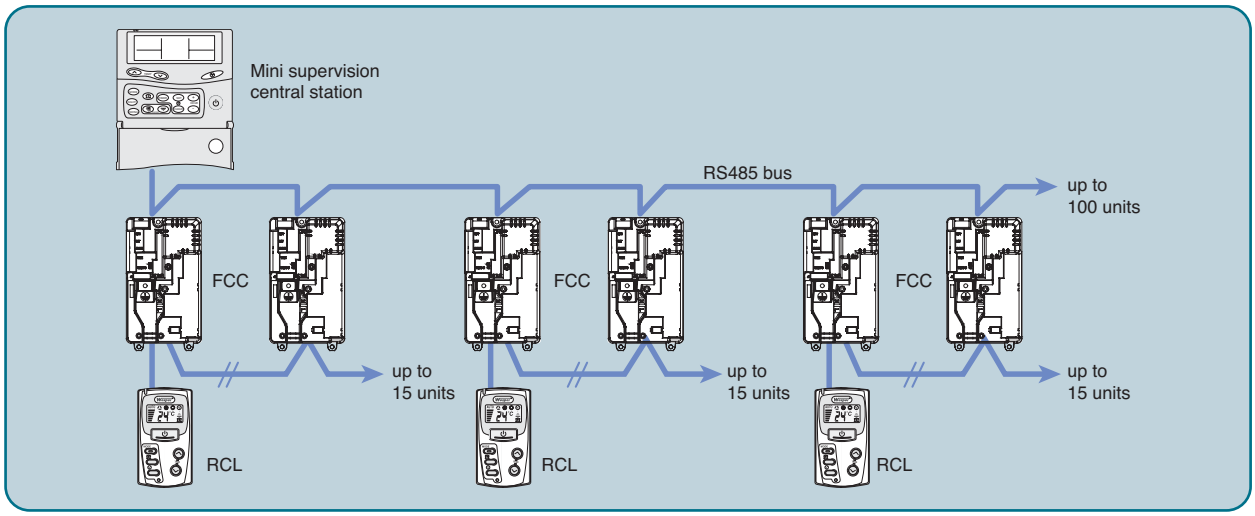
Simple-to-use regulation system, no programming of regulators being necessary.
System easy to install, the Aqu@Net regulation is installed, wired and configured in the factory.
Individual item regulation system, simple to use, for one zone or multiple zones via the communication bus.
Upgradable regulation system, steered by a mini supervision central station ensuring automatic and weekly management of operating time ranges, temperature settings
for each area, and this for 15 different zones.

> Product advantages

- Plug and play.
- Factory wired.
- Possibility of Master/Slave operation.
- Occupancy/vacant mode management.

Additional board

Aqu@net network architecture



2 pipes | 4 pipes

2 & 4 PIPES K OG

Chilled Water Cassettes

5 models - 2 pipes from 2 330 to 10 200 W
4 models - 4 pipes from 2 200 to 10 600 W

K OG 9/12/18

K OG 30/45

> Product benefits

- Designed for suspended ceiling integration.
- 600 x 600 and 600 x 1200 formats (30 and 45 models).
- Low built-in height: 287 mm.
- Direct access to electrical connections on sliding chassis.
- Integrated valves and electrical connections.
- New air intake.
- Air distribution to a separate room.
- Integrated condensate drainage lift pump.
- Infrared remote control version with valve and changeover.
- Solid ceiling frame (accessory).

2 Pipes Accessories		K 9 OG	K 12 OG	K 18 OG	K 30 OG	K 45 OG
Heating/Cooling thermostat	Part nbr	7ACEL1161	7ACEL1161	7ACEL1161	7ACEL1161	7ACEL1161
Manual ON/OFF- 3 fan speed (KOG 2T CH AV version)						
Heating/Cooling thermostat	Part nbr	7ACEL1386	7ACEL1386	7ACEL1386	7ACEL1386	7ACEL1386
Manual ON/OFF- 3 fan speed (KOG 2T AV version) with sonde of change over						
Heating/Cooling thermostat	Part nbr	7ACEL1388	7ACEL1388	7ACEL1388	7ACEL1388	7ACEL1388
Manual ON/OFF- 3 fan speed (KOG 2T CH AV version) change over sensor and electric heating relay						
Heating/Cooling thermostat	Part nbr	7ACEL1373	7ACEL1373	7ACEL1373	7ACEL1373	7ACEL1373
Manual ON/OFF- 3 fan speed - without valve (KOG 2T SV version)						
Special Frame for solid ceilings	Part nbr	7ACVF0091	7ACVF0091	7ACVF0091	-	-
Relay kit for chilled water cassettes (4 units)	Part nbr	7ACEL1207	7ACEL1207	7ACEL1207	7ACEL1207	7ACEL1207
3 way heating valve/ 2 pipes + condensate tray	Part nbr	-	-	-	7ACFH0051	7ACFH0052
Condensate	Part nbr	-	-	-	7ACTL0005	7ACTL0005

4 Pipes Accessories		K 9 OG	K 12 OG	K 18 OG	K 45 OG
Heating/Cooling thermostat	Part number	7ACEL1161	7ACEL1161	7ACEL1161	7ACEL1161
Manual ON/OFF- 3 fan speed (KOG 4T AV version) with sonde of change over					
Special Frame for solid ceilings	Part number	7ACVF0091	7ACVF0091	7ACVF0091	-
Relay kit for chilled water cassettes (4 units)	Part number	7ACEL1207	7ACEL1207	7ACEL1207	7ACEL1207
3 way heating valve/ 4 pipes + condensate tray	Part number	-	-	-	7ACFH0122
Condensate (4 pipes)	Part number	-	-	-	7ACTL0040

2 & 4 PIPES K OG

2 pipes KOG Series

		K 9 OG	K 12 OG	K 18 OG	K 30 OG	K 45 OG
Cooling Capacity	kW	2.33	3.5	5	6.44	10.2
Heating Capacity	kW	3.4	4.6	5.9	8.05	11.6
Power Input	kW	0.06	0.08	0.11	0.20	0.22
Electrical Heating (Factory option)	kW	1.5	2.25	2.7	4.2	5.4
Indoor units						
Air flow (LS/NS/HS)	m^3/h	420/460/700	420/460/700	460/515/760	1100/1350/1550	1000/1250/1630
Water flow	m^3/h	0.378	0.602	0.86	1.208	1.753
Water pressure drop	kPa	12.5	17.5	15	17	23.5
Acoustic power to 1m (LS/NS/HS)	dB(A)	37/40/50	38/41/51	44/49/57	51/54/57	50/54/60
Weight	kg	25	28	29	49	55
Built in casing (WxDxH)	mm	571x571x287	571x571x287	571x571x287	1171x571x287	1171x571x287
Frame (WxDxH)	mm	625x625x40	625x625x40	625x625x40	1225x625x40	1225x625x40
Linking specifications between indoor and outdoor units						
Power supply 1~230 V						
Power cable section (without heating)	mm^2	3x1	3x1	3x1	3x1.5	3x1.5
Fuse rating am (without heating)	A	1	1	1	2	2
Power cable section (with heating)	mm^2	3x1.5	3x1.5	3x1.5	3x4	3x2.5
Fuse rating am (with heating)	A	10	16	16	25	25
Version without valve		**K9 OG 2T SV**	**K12 OG 2T SV**	**K18 OG 2T SV**	**K30 OG 2T SV**	**K45 OG 2T SV**
Part number	**1~230 V model**	**70G051008**	**70G051012**	**70G051016**	**7SP041036**	**7SP041037**
Version with valve		**K9 OG 2T AV**	**K12 OG 2T AV**	**K18 OG 2T AV**	**-**	**-**
Part number	**1~230 V model**	**70G051009**	**70G051013**	**70G051017**	**-**	**-**
Electrical Heating version without valve		**K9 OG 2T CH SV**	**K12 OG CH 2T SV**	**K18 OG CH 2T SV**	**K30 OG CH 2T SV**	**K45 OG CH 2T SV**
Part number	**1~230 V model**	**70G051010**	**70G051014**	**70G051018**	**7SP041020**	**7SP041025**
Electrical Heating version with valve		**K90 G 2T CH AV**	**K12 OG 2T CH AV**	**K18 OG 2T CH AV**	**-**	**-**
Part number	**1~230 V model**	**70G051011**	**70G051015**	**70G051019**	**-**	**-**
Infrared version with valve and change over		**K9 OG 2T IR AV**	**K12 OG 2T IR AV**	**-**	**K30 OG 2T IR AV**	**K45 OG 2T IR AV**
Part number	**1~230 V model**	**70G101010**	**70G101011**	**-**	**70G101013**	**70G101014**

4 pipes KOG Series

		K 9 OG	K 12 OG	K 18 OG	K 45 OG
Cooling Capacity	kW	2,2	3,43	4,9	10,6
Heating Capacity	kW	2,2	3,2	4,9	9,25
Power Input	kW	0,06	0,08	0,11	0,22
Indoor units					
Air flow (LS/NS/HS)	m^3/h	420/460/700	420/460/700	320/460/515/760	1075/1360/1725
Cold Water flow	m^3/h	0,378	0,59	0,843	1,825
Hot Water flow	m^3/h	0,19	0,275	0,421	0,49
Water pressure drop	kPa	12	17	17,5	28,6
Acoustic power to 1m (LS/NS/HS)	dB(A)	37/40/50	40/42/52	42/48/57	48/54/60
Weight	kg	25	28	29	55
Built in casing (WxDxH)	mm	571x571x287	571x571x287	571x571x287	1171x571x287
Frame (WxDxH)	mm	625x625x40	625x625x40	625x625x40	1225x625x40
Linking specifications between indoor and outdoor units					
Power supply 1~230 V					
Fuse rating am	A	10	16	16	-
Linking pipes					
Suction 4 pipes diameter	Inches	1/2"	1/2"	1/2" hot/3/4" cold	1/2" hot/1" cold
Version without valve		**K9 OG 4T SV**	**K12 OG 4T SV**	**K18 OG 4T SV**	**K45 OG 4T SV**
Part number	**1~230 V model**	**70G051020**	**70G051022**	**70G051024**	**7SP041024**
Version with valve		**K9 OG 4T AV**	**K12 OG 4T AV**	**K18 OG 4T AV**	**K45 OG 4T AV**
Part number	**1~230 V model**	**70G051021**	**70G051023**	**70G051025**	**-**

VHF

Ducted units

4 models - 2 pipes from 3 300 to 11 900 W

VHF

> Product benefits

- Indoor units compatible with AIRWELL chilled water production units.
- Compact dimensions and low built-in height (231 mm for the VHF 01A model).
- Available static pressure.
- Designed for suspended ceiling integration with a duct network.
- Integrated air intake plenum, 200 mm diameter outlets.
- Integrated air distribution plenum, 200 mm diameter outlets.
- New air intake, 100 mm diameter.
- 3 fan (ventilation) speeds.
- Low noise levels.
- Air filter, G2 (80% gravimetry) reusable synthetic material.
- Easy access to electrical and hydraulic connections on the right side of the unit.
- Easy air filter access via the underside of the unit.
- Electric heating available as a factory-fitted option (on request): • VHF 01A: 1,000 W
  • VHF 05A: 1,500 W
  • VHF 10 and 12A: 3,600 W

2 pipes VHF Series		VHF01A	VHF05A	VHF10A	VHF12A
Cooling Capacity	kW	2.9	4.9	7.4	9.4
Heating Capacity	kW	3.3	4.8	6.2	11.9
Power Input	kW	0.19	0.13	0.27	0.24

Indoor units					
Air flow	m³/h	from 100 to 550 m³/h	from 300 to 700 m³/h	from 400 to 1000 m³/h	from 700 to 1500 m³/h
Water flow	m³/h	0.5	0.84	1.27	1.63
Water pressure drop	kPa	17	22	44	39
Weight	kg	21	46	55	59
Dimensions (WxDxH)	mm	600x695x200	1062x918x231	1202x918x253	1202x918x301

Linking specifications between indoor and outdoor units					
Power supply 1~230 V					
Power cable section	mm²	3x1.5	3x1.5	3x1.5	3x1.5
Fuse rating am	A	1	1	2	2
Part number	**1~230 V model - Version without valve**	**70G041030**	**70G041031**	**70G041032**	**70G041033**

XLM OG

Chilled Water wall mounted units

4 models - 2 pipes from 3 300 to 11 900 W

XLM OG 7/9

XLM OG 18

> Product benefits

- Indoor units compatible with AIRWELL chilled water production units.
- Compact and lightweight design for easy installation and maintenance.
- Available with or without flow regulation valve.
- Hard-wired controls (with or without regulation valve).

2 pipes XLM OG Series		XLM 7 OG	XLM 9 OG	XLM 18 OG
Cooling Capacity	kW	1.85	2.2	3.5
Heating Capacity	kW	2.25	3.3	4.6
Power Input	kW	0.1	0.1	0.2
Electrical Heating	kW	1.05	-	1.6

Indoor units				
Air flow (LS/NS/HS)	m^3/h	220/290/360	280/370/450	600/740/860
Acoustic power	dB(A)	43/45/49	50/52/53	52/56/57
Water flow	m^3/h	0.32	0.38	0.5
Water pressure drop	Pa	12	15	17
Weight	kg	8	9.5	14
Dimensions (WxDxH)	mm	815x160x270	815x160x270	1115x195x330

Linking specifications between indoor and outdoor units				
Power supply				
Power cable section	mm^2	3x1.5	3x1.5	3x1.5
Fuse rating am (without electric heating)	A	1	1	2
Fuse rating am (with electric heating)	A	6	-	10
Thermostat version TRM-FA, without valve		**XLM 7 OGSV**	**XLM 9 OGSV**	**XLM 18 OGSV**
Part number	**1~230 V model**	**7SP022027**	**7SP022028**	**70G061010**
Thermostat version TRM-VP, without valve		**XLM 7 OGAV**	**XLM 9 OGAV**	**XLM 18 OGAV**
Part number	**1~230 V model**	**70G061098**	**70G061099**	**70G061100**
Thermostat version TAE20, electric heating with valve		**XLM 7 OGAVCH**	**-**	**XLM 18 OGAVCH**
Part number	**1~230 V model**	**70G061013**	**-**	**70G061008**

MQL/MQH

R-407C

Air/water chillers

- 7 Cooling Only models from 4 500 to 16 500 W (MQL)
- 7 Heat Pump models from 5 000 to 18 800 W (MQH)

MQH 10/12/15/17
MQL 10/12/15/17

MQH 04/06/08
MQL 04/06/08

> Product benefits

- Single-phase units up to size 10.
- Microprocessor controlled operation.
- µLTC regulation (self-adapting set temperature point, fan (ventilation) speed control...)
- Reduced water volume (3.5 litres/ kW).
- Ready to install unit.
- 3 pump speeds.
- Average COP: 4.1.
- Average EER: 3.1.
- Low noise levels.
- Numerous accessories (start-up current draw regulator, low temperature operation kit, buffer tank).

Accessories		MQL 04 MQH 04	MQL 06 MQH 06	MQL 08 MQH 08	MQL 10 MQH 10	MQL 12 MQH 12	MQL 15 MQH 15	MQL 17 MQH 17
Remote control with cable	Part number	7ACEL1188	7ACEL1188	7ACEL1188	7ACEL1188	7ACEL1188	7ACEL1188	7ACEL1188
Isolating valve with pressure kit	Part number	7ACFH0423	7ACFH0423	7ACFH0423	7ACFH0423	7ACFH0423	7ACFH0423	7ACFH0423
Water filter	Part number	7ACFH0278	7ACFH0278	7ACFH0278	7ACFH0278	7ACFH0278	7ACFH0278	7ACFH0278
Water Tank 15 l	Part number	7ACFH0486	7ACFH0486	7ACFH0486	-	-	-	-
Water Tank 30 l	Part number	-	-	-	7ACFH0484	7ACFH0484	7ACFH0484	7ACFH0484

		MQL 04	MQL 06	MQL 08	MQL 10	MQL 12	MQL 15	MQL 17
Low ambiant kit (- 5 °C)	Part number	7ACFH0475	7ACFH0475	7ACFH0475	7ACFH0475	7ACFH0475	7ACFH0475	7ACFH0475

MQL/MQH

MQL/MQH Series

		MQL 04	MQL 06	MQL 08	MQL 10	MQL 12	MQL 15	MQL 17
		MQH 04	MQH 06	MQH 08	MQH 10	MQH 12	MQH 15	MQH 17
Cooling Capacity	kW	4.5	5.9	8.1	10.5	12.1	14.9	16.5
Power Input	kW	1.5	1.9	2.7	3.3	4.0	4.6	5.2
EER		3.0	3.1	3.0	3.2	3.0	3.2	3.2
Operating limits outdoor temperature	°C				10°/ 46°			
Outlet water temperature	°C				5°/ 18°			
Heating Capacity (1)	kW	5	6.7	9.1	10.5	13.1	17.4	18.8
Power Input	kW	1.2	1.6	2.6	2.8	3.3	3.80	4.30
COP		4.2	4.2	3.5	3.8	4.0	4.6	4.4
Operating limits outdoor temperature	°C				-5°/ 15°			
Outlet water temperature	°C				30°/ 50°			

Static pressure at 5 m	dB(A)	40	40	41	43	44	45	45
Compressor type		Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll
Weight	kg	97	104	110	153	158	160	166
Dimensions (WxDxH)	mm	1182x400x905	1182x400x905	1182x400x905	1182x400x1309	1182x400x1309	1182x400x1309	1182x400x1309
Exchanger type		Stainless stell plate	Stainless stell plate	Stainless stell plate	Stainless stell plate	Stainless stell plate	Stainless stell plate	Stainless stell plate
Water circuit links								
Inlet	Inches	1"	1"	1"	1"	1"	1"	1"
Outlet	Inches	1"	1"	1"	1"	1"	1"	1"

Linking specifications between indoor and outdoor units								
Power supply 1~230 V								
Power cable section	mm^2	3x2.5	3x2.5	3x4	3x4	-	-	-
Fuse rating am	A	16	16	25	25	-	-	-
Power supply 3N~400 V								
Power cable section	mm^2	-	-	5x2.5	-	-	-	-
Fuse rating am	A	-	-	3x16	-	-	-	-
Part number 1~230 V model		70G012170	70G012171	70G012172	70G012132	-	-	-
Part nbr 1~230 V model - Avec Softstarter		70G012178	70G012179	70G012180	70G012144	-	-	-
Part number 3N~400 V model		-	-	70G012173	70G012133	70G012134	70G012135	70G012136
Part number 1~230 V model		70G012174	70G012175	70G012176	70G012137	-	-	-
Part nbr 1~230 V model - Avec Softstarter		70G012181	70G012182	70G012183	70G012145	-	-	-
Part number 3N~400 V model		-	-	70G012177	70G012138	70G012139	70G012140	70G012141

(1) Conditions: 7 °C outdoor, 35 °C outlet water.

NEW

AQL/AQH

AQU@LOGIC AQL/AQH

R-407C

AIRCONET

Fluid coolers with condensation by air and reversible air-water heat pumps

- 9 Cooling Only models from 21 500 to 75 000 W (AQL)
- 9 Heat Pump models from 24 000 to 87 400 W (AQH)

AQH 40

AQH 20

AQH 80

> Product advantages

- Choice from 10 sizes.
- Compatible with Water Chilled Airwell terminal units and heating-cooling floor.
- Tandem Scroll compressor in standard version.
- Plug and play design, unit ready to operate.
- Self-adapting regulation with ILTC microprocessor.
- Power savings.
- Low operating sound level.
- Brazed plate heat exchanger.
- High-performance axial fan with external rotor.
- Easy access to components provided by removable panels.

Accessories

		AQL 20 / AQH 20	AQL 25 / AQH 25	AQL 30 / AQH 30	AQL 35 / AQH 35	AQL 40 / AQH 40	AQL 50 / AQH 50	AQL 60 / AQH 60	AQL 70 / AQH 70	AQL 80 / AQH 80
Isolating valve	Part number	7ACFH0345	7ACFH0345	7ACFH0345	7ACFH0345	7ACFH0345	7ACFH0345	7ACFH0345	7ACFH0345	7ACFH0345
Additional water tank 112 l	Part number	7ACFH0346	7ACFH0346	7ACFH0346	7ACFH0346	-	-	-	-	-
Additional water tank 224 l	Part number	-	-	-	-	7ACFH0347	7ACFH0347	-	-	-
Additional water tank 294 l	Part number	-	-	-	-	-	-	7ACFH0348	7ACFH0348	7ACFH0348

AQU@LOGIC
AQL/AQH

AQL/AQH Series

		AQL 20 / AQH 20	AQL 25 / AQH 25	AQL 30 / AQH 30	AQL 35 / AQH 35	AQL 40 / AQH 40	AQL 50 / AQH 50	AQL 60 / AQH 60	AQL 70 / AQH 70	AQL 80 / AQH 80
Cooling capacity[2]	kW	**21.5**	**26**	**29.9**	**34.2**	**39.5**	**47.9**	**55.9**	**67**	**75**
Power input with pump	kW	8.4	10	11.4	12.2	16.1	19.4	23.9	28.1	30.7
Power input	kW	7.6	9.2	10.6	11.4	15.4	18.7	22.8	27	29.6
EER		3.0	3.0	3.0	2.9	2.9	2.6	2.7	2.7	2.7
Outdoor temperature operating limits	°C	-10°/ 46°								
Outlet water temperature Min/Max.	°C	5°/ 18°								
Heating capacity[1]	kW	**24**	**29**	**34.2**	**38.3**	**46.3**	**57.7**	**68.9**	**80.5**	**87.4**
Power input with pump	kW	7.2	8.3	9.5	9.3	13.5	16	19.9	23.8	26
Power input	kW	6.4	7.5	8.7	8.5	12.7	15.2	18.8	22.7	24.9
COP		3.8	3.9	3.9	4.5	3.6	3.8	3.7	3.5	3.5
Outdoor temperature operating limits	°C	-10°/ 20°								
Outlet water temperature Min/Max.	°C	25°/ 50°								

Air flow max (HS)	m^3/h	11200	11200	11200	11200	15500	15500	15500	21000	21000
Acoustic pressure at 1 m	dB(A)	59	60	60	61	65	65	67	70	70
Compressor type		Hermetic Scroll								
Quantity vs capacity reduction stages		2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
Min. power	%	70	50	50	50	45	36	36	45	50
Max. pressure on refrigerant side/ on water side	bar	30/10	30/10	30/10	30/10	30/10	30/10	30/10	30/1030/10	
Anti-freezing heating element	W	35	35	35	35	35	35	35	35	35
Water volume	l	1.67	2.2	2.44	2.44	3.44	4.33	5.33	6.33	7.10
Expansion valve	l	5	5	5	5	12	12	12	12	12
Water pump		Centrifugal pump monospeed								
Weight with pump	kg	286	296	306	305	510	585	590	620	640
Weight without pump	kg	271	281	291	290	490	565	570	600	620
Dimensions (WxDxH)	mm	1477x516x1607	1477x516x1607	1477x516x1607	1477x516x1607	1737x1201x1634	1737x1201x1634	2168x1201x1634	2168x1201x1634	2168x1201x1634

Linking specifications between indoor and outdoor units										
Power supply 3N~400 V										
Power cable section	mm^2	5x6	5x10	5x10	5x10	5x16	5x16	5x25	5x25	5x25
Fuse rating am	A	25	32	32	40	50	50	63	63	80
Hydraulic connection										
Diameter	Inches	1"1/2	1"1/2	1"1/2	1"1/2	2"	2"	2"	2"	2"
Part nbr Basic model 3N~400 V		**70G021001**	**70G021002**	**70G021003**	**70G021004**	**70G021005**	**70G021006**	**70G021007**	**70G021008**	**70G021009**
Part nbr Pack model with single pump 3N~400 V		**70G021015**	**70G021016**	**70G021017**	**70G021018**	**70G021019**	**70G021020**	**70G021021**	**70G021022**	**70G021023**
Part nbr Basic model 3N~400 V		**70G021029**	**70G021030**	**70G021031**	**70G021032**	**70G021033**	**70G021034**	**70G021035**	**70G021036**	**70G021037**
Part nbr Pack model with single pump 3N~400 V		**70G021043**	**70G021044**	**70G021045**	**70G021046**	**70G021047**	**70G021048**	**70G021049**	**70G021050**	**70G021051**

(1) Values based on inlet/outlet chilled water temperatures from 30/35° and 7°C outside.
(2) Values based on inlet/outlet chilled water temperatures from 12/7° and 35°C outside.

CWP

R-407C

NEW

Fluid coolers with condensation by water – Reversible heat pumps

- 7 Cooling Only models from 7 600 to 33 700 W
- 7 Heat Pump models from 9 000 to 40 100 W

CWP

> Product advantages

- Compatible with Water Chilled Airwell terminal units and heating-cooling floor.
- Electronic regulation.
- Digital display panel.
- Indoor installation (equipment rooms, etc.).
- Plate type evaporator.
- Brazed stainless steel plate type condenser.
- Environmentally sealed Scroll compressor.

Accessories		CWP 02 CWP HP02	CWP 03 CWP HP03	CWP 04 CWP HP04	CWP 05 CWP HP05	CWP 06 CWP HP06	CWP 07 CWP HP07	CWP 09 CWP HP09
Isolation valve kit VI	Part nbr	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371	7ACFH0371
Water flow controller CD	Part nbr	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372	7ACFH0372
Water lack pressure switch PME	Part nbr	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373	7ACFH0373
HP / LP pressure gauges MHPBP	Part nbr	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374	7ACFH0374
Water filter kit FE	Part nbr	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375	7ACFH0375
Rubber studs PC	Part nbr	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186	7ACTL0186
Fault return relay RRD	Part nbr	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278	7ACEL1278
Pressostatic valve VP1	Part nbr	7ACFH0376	7ACFH0376	7ACFH0376	-	-	-	-
Pressostatic valve VP2	Part nbr	-	-	-	7ACFH0377	7ACFH0377	7ACFH0377	7ACFH0377
Control transformer TC	Part nbr	-	7ACEL1277	7ACEL1277	7ACEL1277	7ACEL1277	7ACEL1277	7ACEL1277

CWP

CWP Series		CWP 02	CWP 03	CWP 04	CWP 05	CWP 06	CWP 07	CWP 09
Cooling capacity (1)	kW	7.6	9.2	13.3	16.3	19.7	28	33.7
Power input	kW	1.97	2.38	3.37	3.91	5.08	7.16	8.8
EER		3.9	3.9	3.9	4.2	3.9	3.9	3.8
Compressor type		Scroll						
Weight	kg	115	119	125	138	185	197	201
Dimensions (LxPxH)	mm	800x600x910	800x600x910	800x600x910	800x600x910	900x700x910	900x700x910	900x700x910
Evaporator								
Capacity	l	0.7	1.1	1.1	1.7	1.7	2.2	2.2
Input connection		1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
Output connection		1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
Condenser								
Capacity	l	0.7	0.7	1.1	1.1	1.7	1.7	2.2
Input connection		1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
Output connection		1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
Part number	**Model 1~230 V**	**70G091019**	-	-	-	-	-	-
Part number	**Model 3N~400 V**	-	**70G091020**	**70G091021**	**70G091022**	**70G091023**	**70G091024**	**70G091015**

CWP HP Series		CWP HP02	CWP HP03	CWP HP04	CWP HP05	CWP HP06	CWP HP07	CWP HP09
Cooling capacity (2)	kW	6.5	7.9	11.5	14.2	17.1	24.4	29.4
Power input	kW	2.58	2.97	4.33	5.06	6.51	9.21	11.2
EER		2.50	2.70	2.70	2.80	2.60	2.70	2.60
Heating capacity (2)	kW	9	10.7	15.7	19	23.3	33.2	40.1
Power input	kW	2.58	2.97	4.33	5.06	6.51	9.21	11.2
COP		3.50	3.60	3.60	3.80	3.60	3.60	3.60
Compressor type		Scroll						
Weight	kg	127	130	137	151	204	216	222
Dimensions (LxPxH)	mm	800x600x910	800x600x910	800x600x910	800x600x910	900x700x910	900x700x910	900x700x910
Evaporator								
Capacity	l	0.7	1.1	1.1	1.7	1.7	2.2	2.2
Inlet connection		1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
Outlet connectione		1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
Condenser								
Capacity	l	0.7	1.1	1.1	1.7	1.7	2.2	2.2
Inlet connection		1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
Outlet connection		1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4	1-1/4
Part number	**Model 1~230 V**	**70G091001**	-	-	-	-	-	-
Part number	**Model 3N~400 V**	-	**70G091002**	**70G091003**	**70G091004**	**70G091017**	**70G091018**	**70G091016**

(1) Values based on chilled water temperatures of 12/7° C and condenser water temperatures of 29/35° C.
(2) Values based on chilled water temperatures of 12/7° C and condenser water temperatures of 40/46° C.

	Mini	Maxi
Chilled water outlet temperature	5 °C	15 °C
Chilled water temperature difference	4 °C	6 °C
Condenser water outlet temperature	26 °C	51 °C
Condenser water temperature difference	5 °C	7 °C
Condenser water inlet temperature without pressostatic valve	20 °C	45 °C
Condenser water inlet temperature with pressostatic valve	15 °C	36 °C

ACCESSORIES

Ivory dual flare

Linking pipes

Part number	Name
7ACFH0023	Dual Flare link insulated M1 1/4 & 3/8 - 2,5 m
7ACFH0026	Dual Flare link insulated M1 1/4 & 1/2 - 2,5 m
7ACFH0032	Dual Flare link insulated M1 3/8 & 5/8 - 2,5 m
7ACFH0334	Dual Flare link insulated M1 3/8 & 3/4 - 2,5 m
7ACFH0024	Dual Flare link insulated M1 1/4 & 3/8 - 5 m
7ACFH0027	Dual Flare link insulated M1 1/4 & 1/2 - 5 m
7ACFH0033	Dual Flare link insulated M1 3/8 & 5/8 - 5 m
7ACFH0335	Dual Flare link insulated M1 3/8 & 3/4 - 5 m
7ACFH0025	Dual Flare link insulated M1 1/4 & 3/8 - 8 m
7ACFH0028	Dual Flare link insulated M1 1/4 & 1/2 - 8 m
7ACFH0034	Dual Flare link insulated M1 3/8 & 5/8 - 8 m
7ACFH0464	Dual Flare link insulated M1 3/8 & 3/4 - 8 m

Wall brackets

Part number	Name
7ACTL0016	Wall bracket for models: 7/9/12/14/15
7ACTL0018	Wall bracket for models: 18/24/30
7ACTL0013	Wall bracket for models: 36/45

RC4

RC5

RCW2

Electrical accessories

Part number	Name
436670	R/C-4 All models
412040	RC-5 All models
7ACEL1212	RCW2 Wall remote control
7ACEL1249	RCW2 connection kit for FLO

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